

HCD-D570/N355/N355K

SERVICE MANUAL

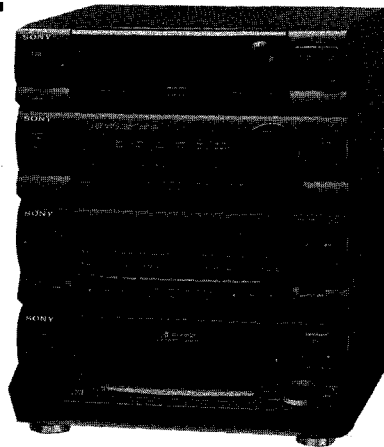


Photo : N355 (E) model

US Model
Canadian Model
HCD-D570
AEP Model
UK Model
Australian Model
PX Model
HCD-N355
E Model
HCD-N355/N355K

These set are the tuner, deck, CD and amplifier section in LBT-D570, LBT-N355 and LBT-N355K.

- * Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation. "DOLBY" and the double-D symbol  are trademarks of Dolby Laboratories Licensing Corporation.

CD SECTION	Model Name Using Similar Mechanism	HCD-D270/G3100/N255
	CD Mechanism Type	CDM37-5BD19
	Base Unit Type	BU-5BD19
	Optical Pick-up Type	KSS-213BA/S-N
TAPE DECK SECTION	Model Name Using Similar Mechanism	HCD-N350
	Tape Transport Mechanism Type	TCM-220WR2E

SPECIFICATIONS

AUDIO POWER SPECIFICATIONS POWER OUTPUT AND TOTAL HARMONIC DISTORTION:

With 8 ohm loads, both channels driven, from 70 – 20,000 Hz; rated 100 watts per channel minimum RMS power, with no more than 0.9% total harmonic distortion from 250 milliwatts to rated output.

CD player section

System Compact disc and digital audio system
Laser Semiconductor laser ($\lambda = 780 \text{ nm}$)
Emission duration: continuous

laser output Max 44.6 μW *
* This output is the value measured at a distance of 200 mm from the objective lens surface on the Optical Pick-up Block with 7 mm aperture.
Wavelength 780 – 790 nm
Tuner section
FM stereo, FM/AM superheterodyne tuner
FM tuner section
87.5 – 108.0 MHz
(50 kHz step)
Aerial FM wire aerial
Aerial terminals 75 ohm unbalanced
Intermediate frequency 10.7 MHz

AM tuner section

Tuning range
German and Italian models:
AM: 531-1, 602 kHz

AEP, UK, East European models:

MW: 531-1, 602 kHz
LW: 153-279 kHz
(with the tuning interval set at 3 kHz)

Saudi Arabia model:

MW: 531 – 1,602 kHz
(with the MW tuning interval set at 9 kHz)
SW: 5.95 – 17.90 MHz

Other models:

AM: 531 – 1,602 kHz
(except D570 model)
531 – 1,710 kHz
(D570 model)
(with the AM tuning interval set at 9 kHz)
530 – 1,710 kHz
(with the AM tuning interval set at 10 kHz)

— Continued on next page —

COMPACT DISC DECK RECEIVER
SONY[®]



Aerial
 AM loop aerial
 External aerial
 terminals
 Intermediate frequency
 450 kHz

Tape player section

Recording system
 4-track 2-channel stereo
 Frequency response
 (DOLBY NR OFF)
 40 - 13,000 Hz (± 3 dB), using
 SONY TYPE I cassette
 40 - 14,000 Hz (± 3 dB), using
 SONY TYPE II cassette
 Wow and flutter
 $\pm 0.15\%$ W.Peak (IEC)
 0.1% W.RMS (NAB)
 $\pm 0.2\%$ W.Peak (DIN)

Amplifier section

Peak music power output:
 AEP, UK, German, Italian, East European models:
 (55 W + 55 W) (6 Ω at 1 kHz, 0.7%
 THD)

Other (except D570) models:
 1,000 W (6 Ω at 1 kHz, 10%
 THD)

Continuous RMS power output:
 AEP, UK, German, Italian, East European models:
 (65 W + 65 W) (6 Ω at 1 kHz, 10%
 THD)

US model: 100 W + 100 W (8 Ω at 70 - 20,000
 Hz, 0.9% THD)

Canadian model:
 100 W + 100 W (8 Ω at 1 kHz, 5%
 THD)

Other models:
 (60 W + 60 W) (6 Ω at 1kHz 10%
 THD)

Music power output:
 AEP, UK, German, Italian, East European models:
 (110 W + 110 W) (6 Ω at 1 kHz,
 10% THD)

Inputs
 PHONO (phono jack):
 Sensitivity 3 mV, impedance
 47 kilohms

VIDEO (AUDIO) (phono jack):
 Sensitivity 250 mV, impedance
 47 kilohms

MIC (phone jack): (N355: E, Australian,
 Mexican, PX, Argentine/N355K models)
 Sensitivity 1 mV, impedance
 10 kilohms

Outputs
 PHONES (phone jack):
 accept headphones of 8 ohms or more
 SPEAKER: accept impedance of 8 Ω (D570
 model), 6 to 16 ohms (Other models)
 SURROUND SPEAKER:
 (Malaysian, Mexican and Singapore models)
 accept impedance of 16 ohms
 (Other models)
 accept impedance of 8 to
 16 ohms

General

Power requirements
 AEP, UK, German, Italian, East European models:
 220-230 V AC, 50/60 Hz
 Australian model:
 240 V AC, 50/60 Hz
 US, Canadian, Mexican models:
 120 V AC, 60 Hz
 Malaysian model:
 220 - 240 V AC, 50/60 Hz

Thailand model:

220 V AC, 50/60 Hz

Other models:

110 - 120 V or 220 - 240 V AC
 adjustable, 50/60 Hz

Power consumption

160 W (AEP, UK, German,
 Italian, East European models)
 250 W (US model)
 310 VA (Canadian model)
 185 W (Other models)

Dimensions

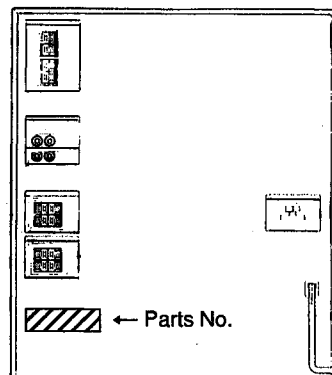
Approx. 355 x 425 x 400 mm
 (14 x 16 $\frac{3}{4}$ x 15 $\frac{3}{4}$ inches) (w/h/d)
 incl. projecting parts and controls

Mass

Approx. 11 kg (24 lb 4 oz.) (AEP, UK,
 German, Italian, East European models)
 Approx. 11.7 kg (25 lb 13 oz.)
 (Other models)
 Approx. 11.9 kg (26 lb 4 oz.)
 (D570 model)

Design and specifications subject to change
 without notice.

MODEL IDENTIFICATION — BACK PANEL —



MODEL	PARTS No.
N355 : AEP model	4-978-189-0□
N355 : German model	4-978-189-1□
N355 : Italian model	4-978-189-2□
N355 : UK model	4-978-189-3□
N355 : East European model	4-978-189-5□
D570 : US model	4-978-189-6□
D570 : Canadian model	4-978-189-7□
N355 : E model	4-978-190-0□
N355 : Argentine model	4-978-190-1□
N355 : Australian model	4-978-190-2□
N355 : PX model	4-978-190-3□
N355 : Mexican model	4-978-190-4□
N355K : E, Indonesian model	4-978-190-5□
N355K : Saudi Arabia model	4-978-190-6□
N355K : Singapore (SP2) model	4-978-190-7□
N355K : Singapore (SP4) model	4-978-190-8□
N355K : Malaysia, Thailand model	4-978-190-9□

TABLE OF CONTENTS

- Abbreviation
 - CND : Canadian model.
 - G : German model.
 - IT : Italian model.
 - EE : East European model.
 - EA : Saudi Arabia model.
 - MX : Mexican model.
 - SP : Singapore model.
 - MY : Malaysia model.
 - AUS : Australian model.
 - AR : Argentine model.
 - TH : Thailand model.
 - IA : Indonesian model.

SAFETY CHECK-OUT

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

Flexible Circuit Board Repairing

- Keep the temperature of the soldering iron around 270 °C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

Laser component in this product is capable of emitting radiation exceeding the limit for Class 1.

CLASS 1 LASER PRODUCT
LUOKAN 1 LASERLAITE
KLASS 1 LASERAPPARAT

This appliance is classified as a CLASS 1 LASER product. The CLASS 1 LASER PRODUCT MARKING is located on the rear exterior.

CAUTION : INVISIBLE LASER RADIATION WHEN OPEN,
AVOID EXPOSURE TO BEAM.
ADVARSEL: USYNLIG LASERSTRÅLING VED ÅBNING NÅR
Sikkerhedsafbrødere er ude af funktion.
UNDGÅ UDSÆTTELSE FOR STRÅLING.
VARO! : AVATTAESSA JA SUOJALUKITUS OHITETTAESSA
OLET ALTIIN LASERSÄTELYLLE.
VARNING : LASERSTRÅLING NÅR DENNA DEL ÄR ÖPPNAD
OCH SPÄRREN ÄR URÖPPNAD.
ADVERSEL: USYNLIG LASERSTRÅLING NÅR DEKSEL ÅPNES
UNNGÅ EKSPONERING FOR STRÅLEN.

This caution label is located inside the unit.

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

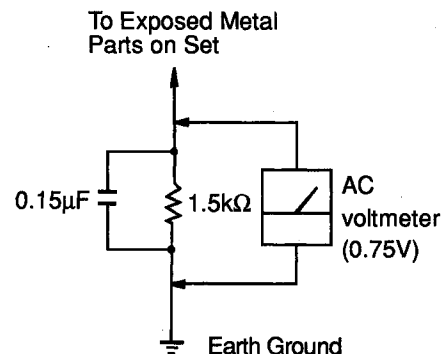


Fig. A. Using an AC voltmeter to check AC leakage.

SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY MARK Δ OR DOTTED LINE WITH MARK Δ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE Δ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

SERVICING NOTE

NOTES ON HANDLING THE OPTICAL PICK-UP BLOCK OR BASE UNIT

The laser diode in the optical pick-up block may suffer electrostatic break-down because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body.

During repair, pay attention to electrostatic break-down and also use the procedure in the printed matter which is included in the repair parts.

The flexible board is easily damaged and should be handled with care.

NOTES ON LASER DIODE EMISSION CHECK

The laser beam on this model is concentrated so as to be focused on the disc reflective surface by the objective lens in the optical pick-up block. Therefore, when checking the laser diode emission, observe from more than 30 cm away from the objective lens.

[FL Display Tube, LED All Lit and Key Check mode]

When the **TUNER/BAND**, **DISPLAY/DEMO**, and **FILE 2** buttons are pressed simultaneously, the FL display tube and LEDs will all light up. Press any button to enter the key check mode.

When the key check mode is entered, the FL display tube displays "K 1 J0 V0". Each time a button is pressed, the counter increases in the following order, K 2 → K 3 → K 4.

If buttons already pressed once are pressed again, the counter will not increase. When the VOLUME knob is rotated in the + direction, the count increases in the following order.

V1 → V2 → V3.

When rotated in the - direction, it decreases in the following order.

V0 → V9 → V8.

When the AMS dial is rotated in the clockwise direction, the count increases in the following order.

J1 → J2 → J3.

When rotated in the counterclockwise direction, it decreases in the following order.

J0 → J9 → J8.

To exit from the test mode, press the **TUNER/BAND**, **DISPLAY/DEMO**, **FILE 2** buttons simultaneously again.

[Switching the channel step 9 KHz/10 KHz]

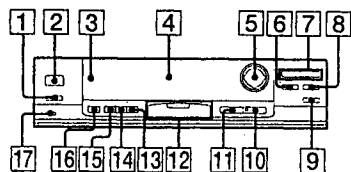
Press **ENTER/NEXT** button and **POWER** button simultaneously to switch the AM channel step 9 KHz and 10 KHz. Be sure not to change with carelessness.

SECTION 1 GENERAL

This section is extracted
from instruction manual.

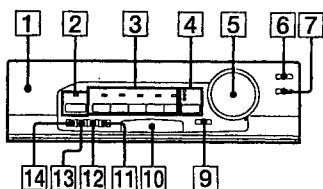
Front Panel

Tuner section



- 1 SLEEP button (23)
- 2 SYSTEM POWER switch (7)
- 3 Remote sensor
- 4 Display window (30)
- 5 CURSOR CONTROL buttons (6, 21)
- 6 TUNING MODE button (12)
- 7 TUNING +/- buttons (12)
- 8 TUNER MEMORY button (13)
- 9 STEREO/MONO button (12)
- 10 ENTER/NEXT button (6, 9, 21)
- 11 DISPLAY/DEMO button (6, 8, 21)
- 12 TUNER/BAND button (12, 18, 24)
- 13 REC button (24)
- 14 DAILY 2 button (23)
- 15 DAILY 1 button (23)
- 16 TIMER SET button (23)
- 17 CLOCK SET button (6)

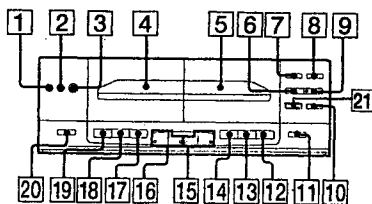
Amplifier section



- 1 PHONES jack (20)
- 2 EFFECT button/indicator (20)
- 3 FILE 1 - 5 buttons/indicators (20, 21)
- 4 FILE SELECT button/indicators (20, 21)
- 5 VOLUME control (7, 20)
- 6 DBFB button (20)
- 7 SURROUND button (15, 21)
- 9 MEMORY button (22)
- 10 FUNCTION button (7, 14)
- 11 # UP button* (26)
- 12 > DOWN button* (26)
- 13 ECHO button* (25)
- 14 KARAOKE PON/MPX button (25)
(N355: E, MX, AR, AUS, PX/N355K)

* HCD-N355K only

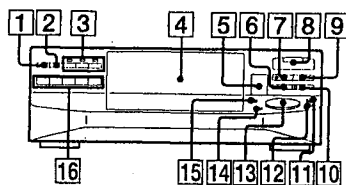
Tape player section



- 1 MIC (MIC 1*) jack (25)
- 2 MIC 2 jack (25) (N355K only)
- 3 MIC LEVEL control * (25)
- 4 Cassette compartment for DECK A (14)
- 5 Cassette compartment for DECK B (14)
- 6 00 (pause) button (14)
- 7 HIGH SPEED DUBBING button (19)
- 8 CD SYNCHRO button (15)
- 9 REC (recording) button (15)
- 10 DIRECTION button (15)
- 11 EJECT button for DECK B (14)
- 12 >> (fast rightward) button for DECK B (14)
- 13 << (fast leftward) button for DECK B (14)
- 14 STOP button for DECK B (14)
- 15 </> (play) button for DECK B (14)
- 16 </> (play) button for DECK A (14)
- 17 >> (fast rightward) button for DECK A (14)
- 18 << (fast leftward) button for DECK A (14)
- 19 STOP button for DECK A (14)
- 20 EJECT button for DECK A (14)
- 21 DOLBY NR button
(D570/N355: AEP, UK, G, IT, EE models)

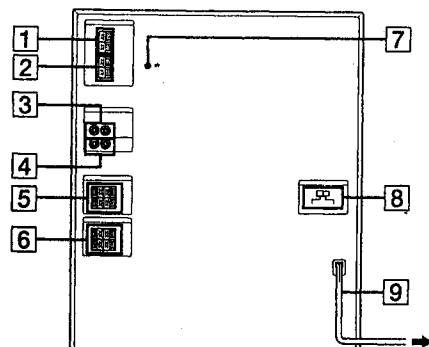
* N355: E, AUS, PX, MX, AR/N355K only

CD player section

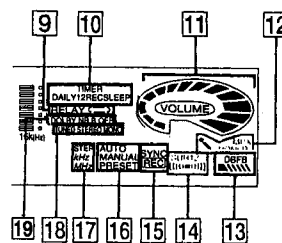
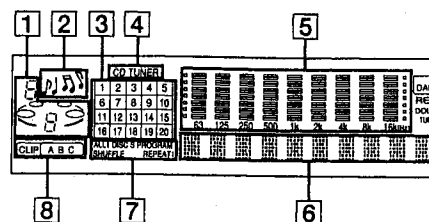


- 1 MUSIC CLIP PLAY button (11)
- 2 MUSIC CLIP ERASE button (11)
- 3 CLIP A, B, C buttons/indicators (10)
- 4 Front cover (7)
- 5 OPEN button (7)
- 6 DISC SKIP button (7)
- 7 00 (pause) button (7)
- 8 > (play) button (7)
- 9 (stop) button (7)
- 10 AUTO button/indicator (7)
- 11 PROGRAM button (9)
- 12 REPEAT button (9)
- 13 JOG dial (7)
- 14 SHUFFLE buttons (8)
- 15 CONTINUE button (7)
- 16 DISC 1 - 5 buttons (7)

Rear Panel

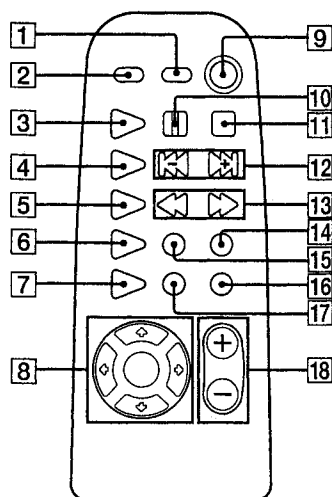


- 1 AM terminal (4)
- 2 FM 75Ω terminal (4)
- 3 PHONO IN jacks (26)
- 4 VIDEO (AUDIO) IN jacks (26)
- 5 SPEAKER connectors (5)
- 6 SURROUND SPEAKER connectors (5)
- 7 ground terminal (5)
- 8 VOLTAGE SELECTOR (N355: E, PX, AR/N355K: E, EA, IA models) (6)
- 9 AC power cord (6)



- 1 Disc calendar (7)
- 2 Demo mode indications (6)
- 3 Music calendar (7)
- 4 CD/TUNER indication (7)
- 5 Graphic Equalizer indication (21)
- 6 Multi-display (7, 12, 21)
- 7 CD play mode indications (8)
- 8 CLIP indicator (11)
- 9 Tape direction mode indication (14)
- 10 Timer indication (24)
- 11 VOLUME indication (7)
- 12 KARAOKE PON/MPX R L indication (25)
(N355: E, AUS, PX, MX, AR/N355K models)
- 13 DBFB indication (20)
- 14 SUR indication (15, 21)
- 15 SYNC REC indicator (15)
- 16 Tuning mode indications (12)
- 17 STEP/frequency waves indication (12)
- 18 TUNED/STEREO/MONO indications (12)
- 19 DOLBY NR B indication (D570/N355: AEP, UK, G, IT, EE models)

Remote



- 1 SLEEP button (23)
- 2 LOOP button (10)
- 3 CD ▷ (play) button (7)
- 4 TUNER/BAND ▷ button (12)
- 5 DECK A ▷ button (14)
- 6 DECK B ▷ button (14)
- 7 FUNCTION button (7, 14)
- 8 MUSIC MENU buttons (20)
- 9 POWER button (7)
- 10 ⏸ (pause) (7)
- 11 □ (stop) (7)
- 12 ⏮ / ⏭ buttons (7)
- 13 ⏪ / ⏩ buttons (8)
- 14 EDIT button (16)
- 15 CHECK button (9)
- 16 DISC SKIP button (9)
- 17 CLEAR button (9)
- 18 VOL (volume) +/- buttons (7, 20)

• Abbreviation

- CND : Canadian model.
- G : German model.
- IT : Italian model.
- EE : East European model.
- EA : Saudi Arabia model.
- MX : Mexican model.
- SP : Singapore model.
- MY : Malaysia model.
- AUS : Australian model.
- AR : Argentine model.
- TH : Thailand model.
- IA : Indonesian model.

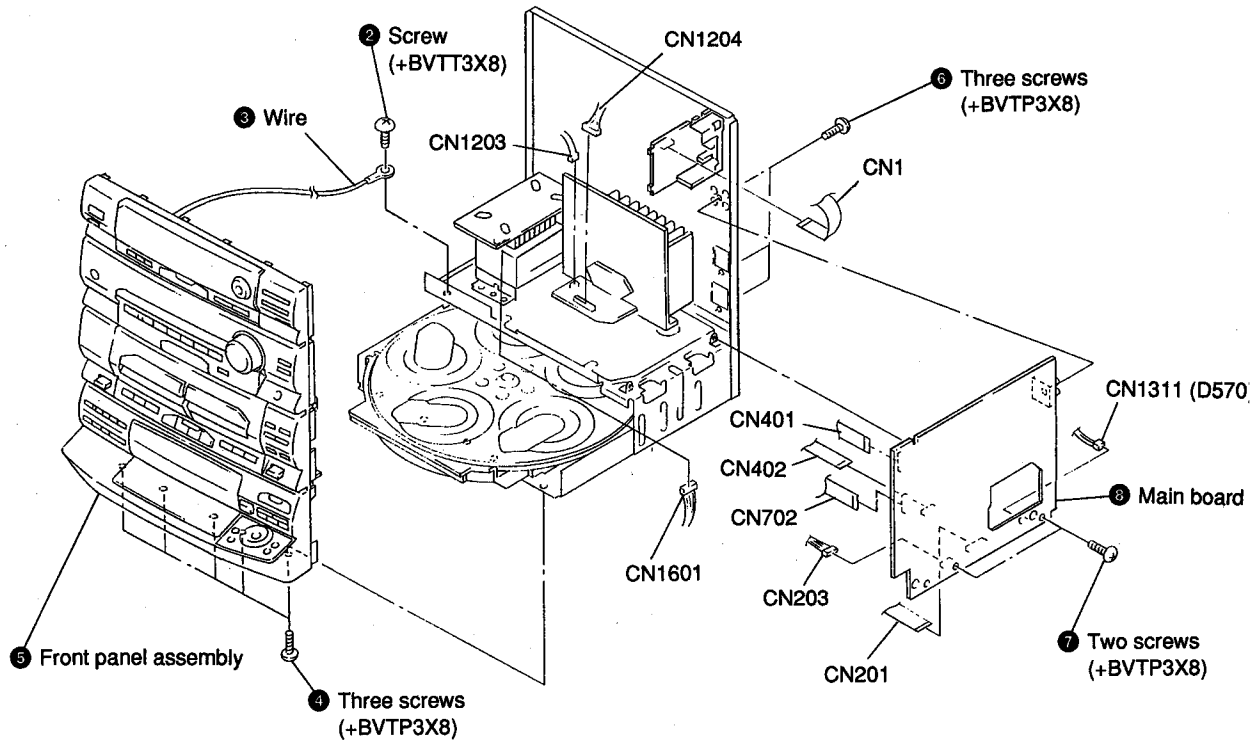
SECTION 2

DISASSEMBLY

Note : Follow the disassembly procedure in the numerical order given.

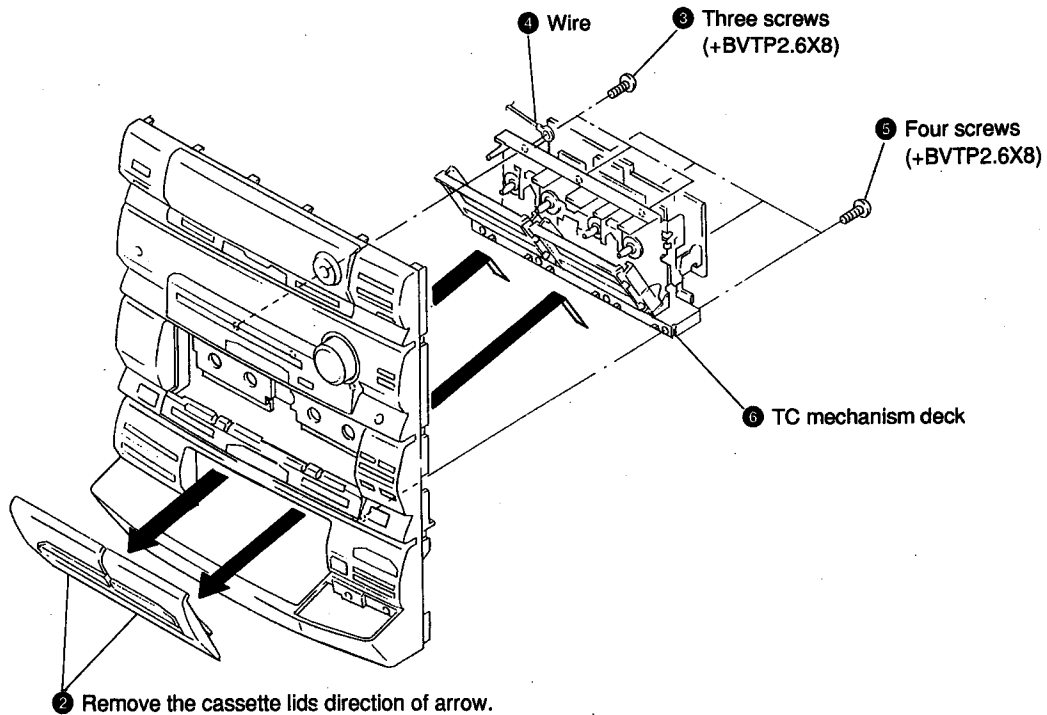
2-1. FRONT PANEL ASSY AND MAIN BOARD

- ① Remove the connectors.

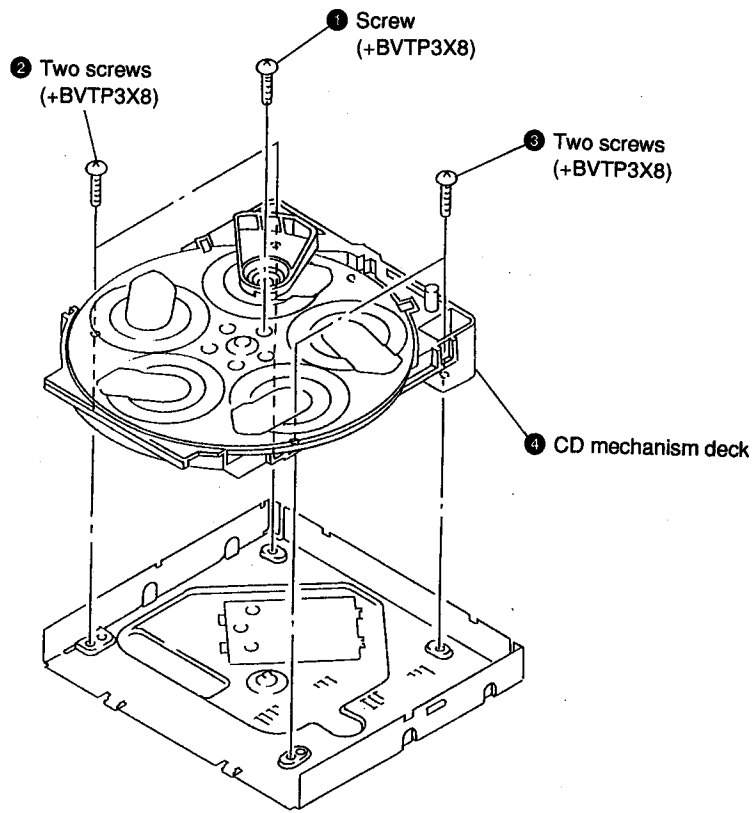


2-2. TC MECHANISM DECK

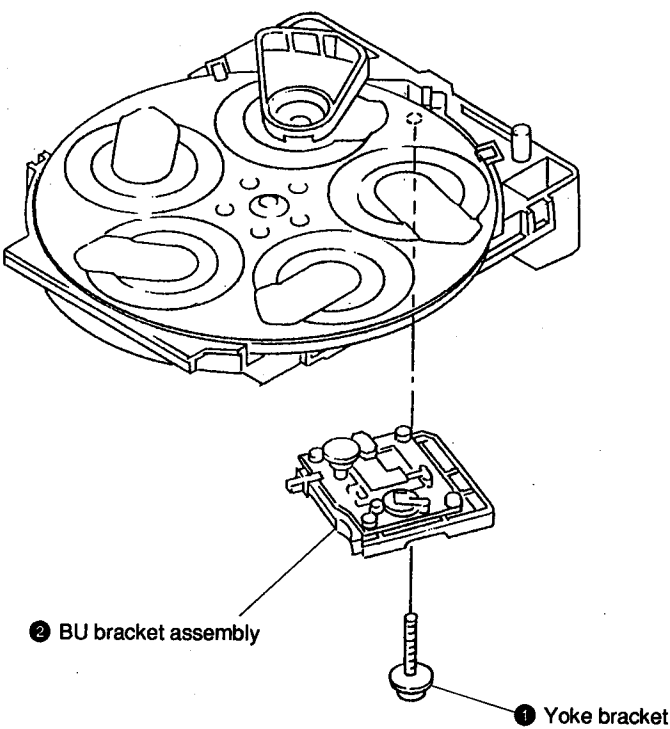
- ① Push the EJECT button.



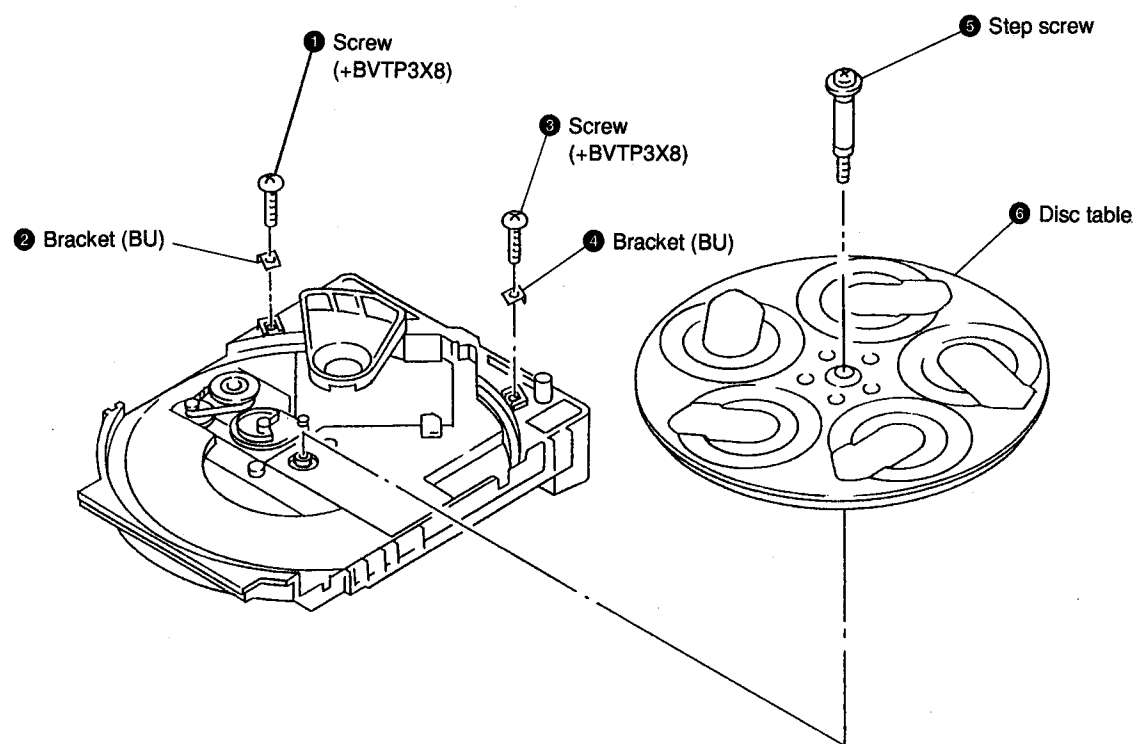
2-3. CD MECHANISM DECK



2-4. BU BRACKET ASSY



2-5. DISC TABLE



SECTION 3 MECHANICAL ADJUSTMENTS

PRECAUTION

1. Clean the following parts with a denatured alcohol-moistened swab :

record/playback heads	pinch rollers
erase head	rubber belts
capstan	idlers
2. Demagnetize the record/playback head with a head demagnetizer.
3. Do not use a magnetized screwdriver for the adjustments.
4. After the adjustments, apply suitable locking compound to the parts adjusted.
5. The adjustments should be performed with the rated power supply voltage unless otherwise noted.

Torque Measurement

Torque	Torque meter	Meter reading
FWD	CQ-102C	36 to 61g • cm (0.5 – 0.84 oz • inch)
FWD back tension	CQ-102C	2 to 6g • cm (0.02 – 0.08 oz • inch)
REV	CQ-102RC	36 to 61g • cm (0.5 – 0.84 oz • inch)
REV back tension	CQ-102RC	2 to 6g • cm (0.02 – 0.08 oz • inch)
FF/REW	CQ-201B	61 to 143g • cm (0.85 – 1.99 oz • inch)
FWD tension	CQ-403A	100g or more (3.53 oz or more)
REV tension	CQ-403R	100g or more (3.53 oz or more)

SECTION 4 ELECTRICAL ADJUSTMENTS

DECK SECTION

0 dB=0.775V

1. Demagnetize the record/playback head with a head demagnetizer.
2. Do not use a magnetized screwdriver for the adjustments.
3. After the adjustments, apply suitable locking compound to the parts adjusted.
4. The adjustments should be performed with the rated power supply voltage unless otherwise noted.
5. The adjustments should be performed in the order given in this service manual. (As a general rule, playback circuit adjustment should be completed before performing recording circuit adjustment.)
6. The adjustments should be performed for both L-CH and R-ch.
7. Switches and controls should be set as follows unless otherwise specified.
DOLBY NR switch : OFF (D570/N355 : AEP, UK, German, Italian, East European model)
8. Set to test mode. (Press key switch simultaneously **DISPLAY/DEMO**, **TUNER/BAND** and **FILE 1** button.)

Tape	Signal	Used for
P-4-A100	10 kHz, -10 dB	Azimuth Adjustment
WS-48B	3 kHz, 0 dB	Tape Speed Adjustment
P-4-L300	315 Hz, 0 dB	Level Adjustment

Record/Playback Head Azimuth Adjustment

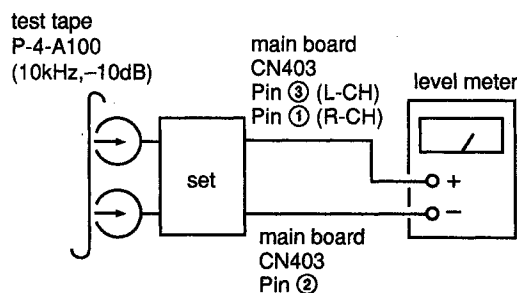
DECK A

DECK B

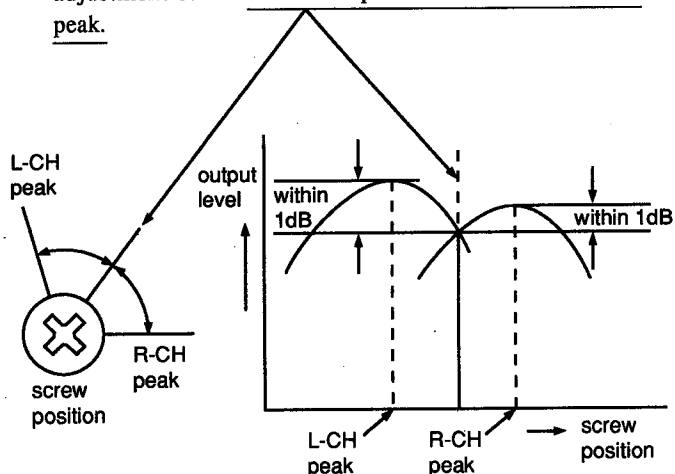
Note : Perform this adjustments for both decks.

Procedure :

1. Mode : Playback (FWD)

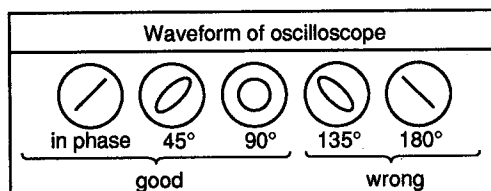
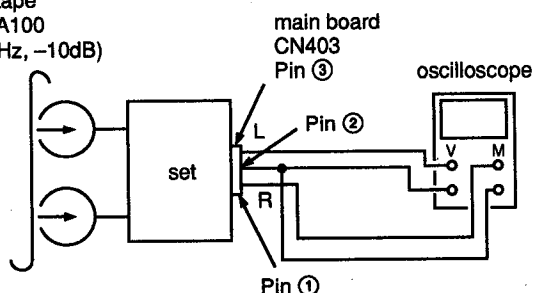


- Turn the adjustment screw and check output peaks. If the peaks do not match for L-CH and R-CH, turn the adjustment screw so that outputs match within 1 dB of peak.



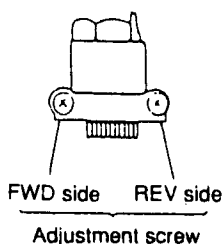
- Mode : Playback (FWD)

test tape
P-4-A100
(10kHz, -10dB)



- Repeat steps 1 to 3 in playback (REV) mode.
- After the adjustments, apply suitable locking compound to the parts adjusted.

Adjustment Location : Record/Playback Head (Deck A and B)

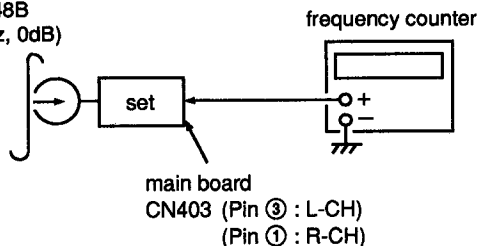


Tape Speed Adjustment **DECK A**

Procedure :

Mode : Playback (FWD)

test tape
WS-48B
(3kHz, 0dB)



High speed adjustment

- Set to test mode. (See page 11)
- Insert the WS-48B to the deck A to playback.
- Press the **HIGH SPEED DUBBING** button. Then at HIGH speed mode.
- Adjust RV652 on the MD board so that the frequency counter reading becomes $6,000 \pm 30$ Hz.
- Press the **HIGH SPEED DUBBING** button again to be set the NORMAL SPEED mode.

Normal speed adjustment

- Set to the playback mode.
- Adjust RV651 on the MD board so that the frequency counter reading becomes $3,000 \pm 15$ Hz.

Frequency difference between deck A and deck B the beginning of the tape should be within $\pm 1.5\%$.

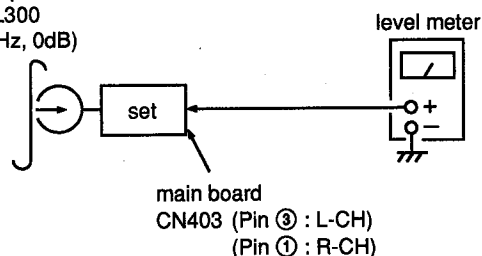
Adjustment Location : MD board

Playback Level Adjustment **DECK A** **DECK B**

Procedure :

Mode : Playback (FWD)

test tape
P-4-L300
(315Hz, 0dB)



Deck A is RV311 (L-CH) and RV411 (R-CH), deck B is RV301 (L-CH) and RV401 (R-CH) so that adjustment within the following adjustment level.

Adjustment level :

CN403 PB level: 301.5 to 338.3 mV (-8.2 to -7.2 dB)

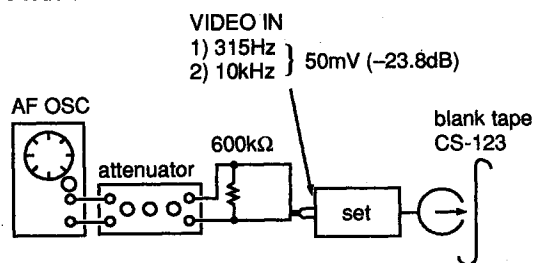
level difference between the channels: within ± 0.5 dB

Adjustment Location : MD board

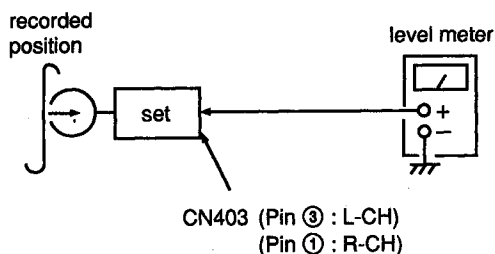
Record Bias Current Adjustment **DECK B**

Procedure :

1. Mode : record



2. Mode : Playback



Confirm playback the signal recorded in step 1 become adjustment level as follows.

If these levels do not adjustment level, adjust the RV341 (L-CH) and RV441 (R-CH) on the MD board to repeat step 1 and 2.

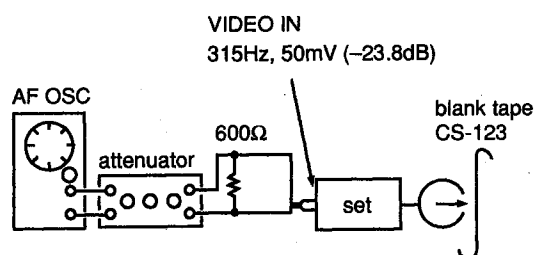
Adjustment level : The playback output of 10 kHz level difference against 315Hz reference should be ± 0.5 dB

Adjustment Location : MD board

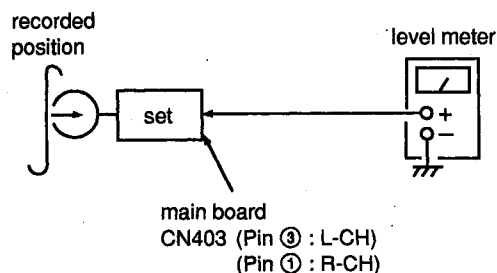
Record Level Adjustment **DECK B**

Procedure :

1. Mode: record



2. Mode: Playback



Confirm playback the signal recorded in step 1 become adjustment level as follows.

If these levels do not adjustment level, adjust the RV301 (L-CH) and RV351 (R-CH) on the main board to repeat steps 1 and 2.

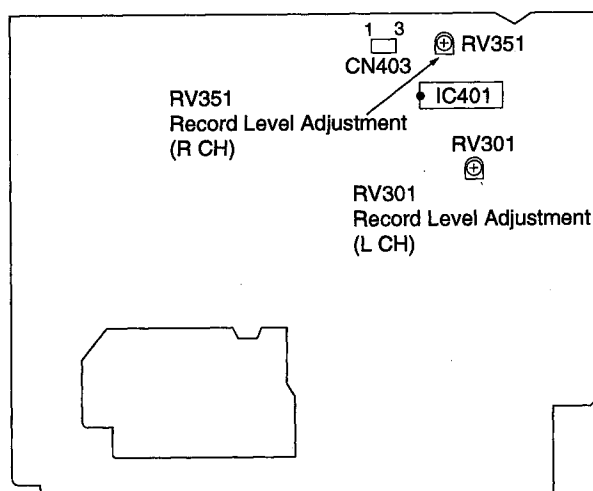
Adjustment level :

CN403 PB level : 47.2 to 53.0 mV (-24.3 to -23.3 dB)

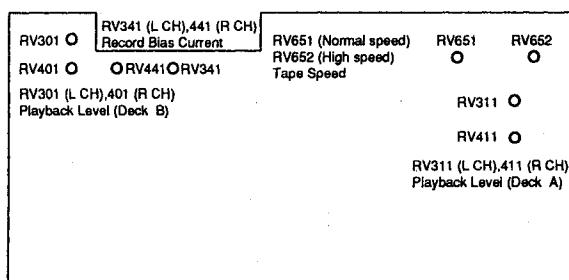
Adjustment Location : main board

Adjustment Location

[MAIN BOARD] (Component Side)



[MD BOARD] (Conductor Side)



TUNER SECTION

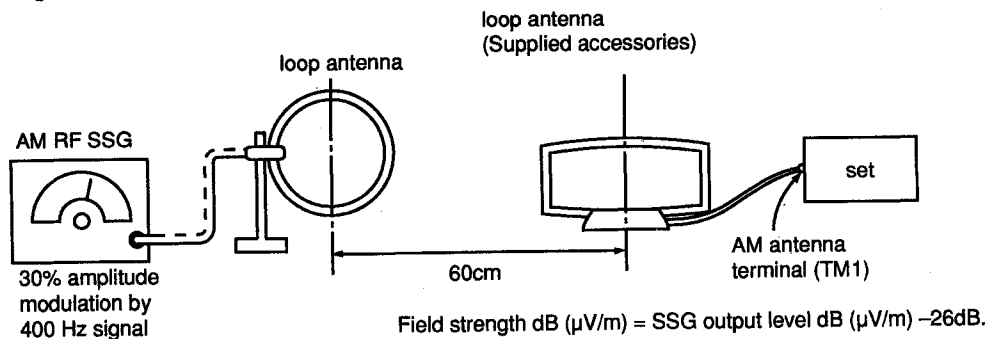
0dB=1 μ V

Note : As a front-end (FE1) is difficult to repair if faulty, replace it with new one.

AM Tuned Level Adjustment

Note : FM Tuned Level Adjustment should be performed after this AM Tuned Level Adjustment.

Setting :



Band : AM or MW

Procedure :

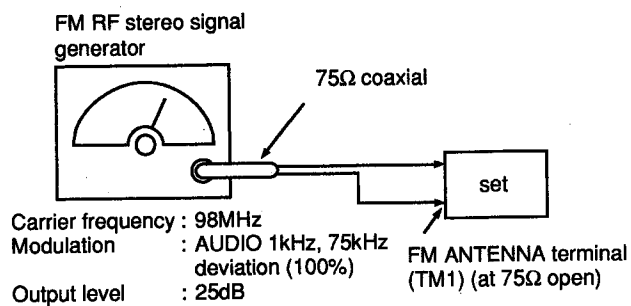
1. Set the output of SSG so that the input level of the set becomes 55 dB.
2. Tune the set to 1,050 kHz (MX, AR models), 999 kHz (other models).
3. Adjust RV41 (AEP, UK, IT, G, EA, EE models), RV42 (other models) to the point (moment) when the TUNED indicator will change from going off to going on.

Adjustment Location : TCB board

FM Tuned Level Adjustment

Note : This adjustment should be performed after AM Tuned Level Adjustment.

Setting :



Band : FM

Procedure :

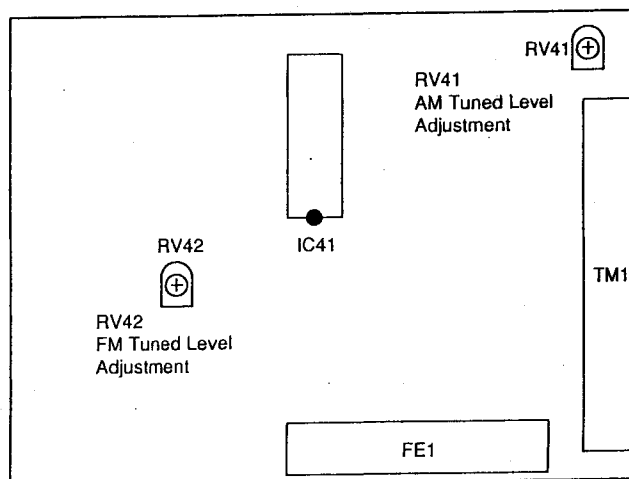
1. Supply a 25 dB 98 MHz signal from the ANTENNA terminal.
2. Tune the set to 98 MHz.
3. Adjust RV42 (AEP, UK, IT, G, EA, EE models), RV41 (other models) to the point (moment) when the TUNED indicator will change from going off to going on.

Adjustment Location : TCB board

Adjustment Location

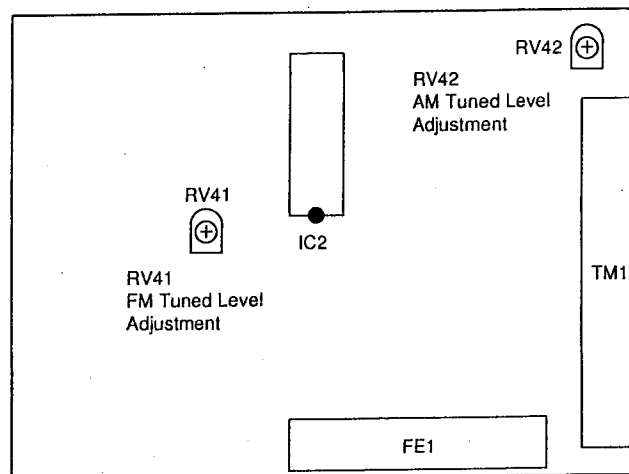
AEP, UK, G, IT, EA, EE model

[TCB BOARD] (Component Side)



Other model

[TCB BOARD] (Component Side)



SW Section Adjustment
(N355K : EA model)
SW OSC Voltage Adjustment

Setting :
 Band : SW

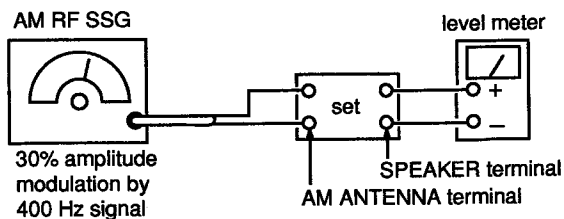
Procedure :

1. Connect digital Voltmeter to diode D1 center lead and ground.
2. Adjust for a following value reading on digital voltmeter.

	Set frequency	Adjustment part	Reading on digital voltmeter
SW	5.95 MHz	T2	1.2 ± 0.1 V
	17.9 MHz	CV2	8.5 ± 0.2 V

SW Tracking Adjustment

Setting :
 Band : SW



Procedure :

	Set frequency	Adjustment part
SW	7 MHz	T1
	17 MHz	CV1

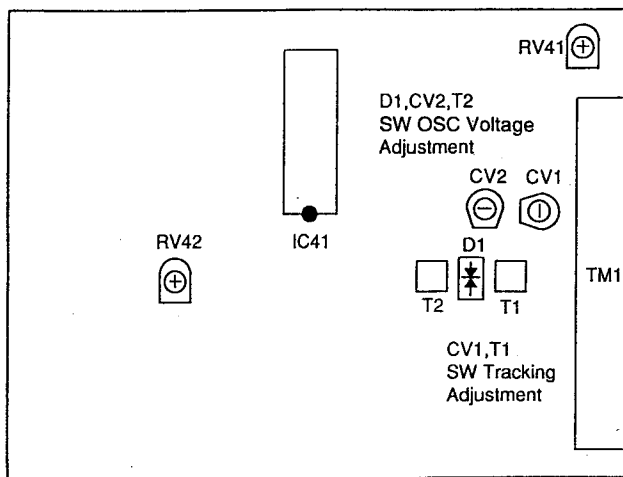
- Repeat the procedures is each adjustment several times, and the frequency coverage and tracking adjustment should be finally done by the trimmer capacitors.

Adjustment Location : TCB board

Abbreviation

- G : German model.
- IT : Italian model.
- EE : East European model.
- EA : Saudi Arabia model.
- MX : Mexican model.
- AR : Argentine model.

Adjustment Location : TCB board



CD SEC

Note :

1. CD E adjust
2. Use ' indica
3. Use a
4. Clean when repla
5. Adju follow

Focus B

Procedur

1. Contr : VC
2. Turn
3. Put c
4. Adju (Clea be cl
5. After

- RF sign VOLT/I TIME/L

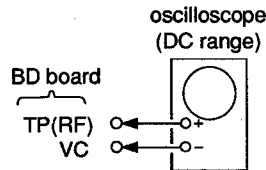


CD SECTION

Note :

1. CD Block is basically designed to operate without adjustment. Therefore, check each item in order given.
2. Use YEDS-18 disc (3-702-101-01) unless otherwise indicated.
3. Use an oscilloscope with more than 10MΩ impedance.
4. Clean the object lens by an applicator with neutral detergent when the signal level is low than specified value with the following checks.
5. Adjust the focus bias adjustment when optical block is replaced.

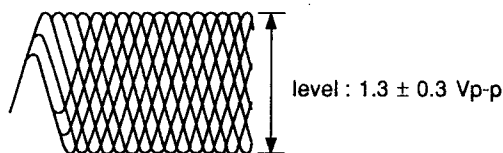
Focus Bias Adjustment



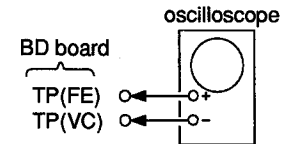
Procedure:

1. Connect oscilloscope to test point TP (RF). (GND terminal : VC)
2. Turned Power switch on.
3. Put disc (YEDS-18) in and playback.
4. Adjust RV101 so that the waveform is clear.
(Clear RF signal waveform means that the shape "◇" can be clearly distinguished at the center of the waveform.)
5. After adjustment, check the RF signal level.

- RF signal
VOLT/DIV : 200 mV
TIME/DIV : 500 nS



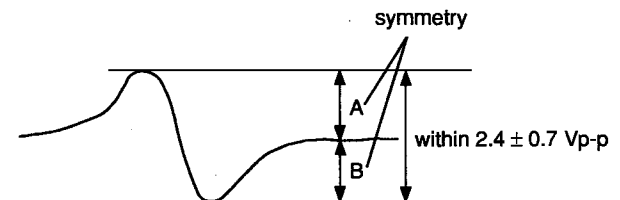
S Curve Check



Procedure :

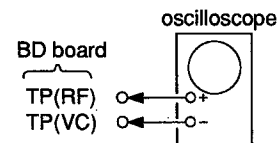
1. Connect oscilloscope to test point TP (FEO).
2. Connect between test point TP (FOK) and GND by lead wire.
3. Turn Power switch on.
4. Put disc (YEDS-18) in and turned Power switch on again and actuate the focus search. (actuate the focus search when disc table is moving in and out.)
5. Check the oscilloscope waveform (S-curve) is symmetrical between A and B. And confirm peak to peak level within 2.4 ± 0.7 Vp-p.

S-curve waveform



6. After check, remove the lead wire connected in step 2.
- Note :**
- Try to measure several times to make sure than the ratio of A : B or B : A is more than 10 : 7.
 - Take sweep time as long as possible and light up the brightness to obtain best waveform.

RF Level Check



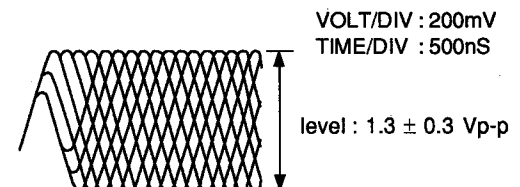
Procedure :

1. Connect oscilloscope to test point TP (RF) on BD board.
2. Turned Power switch on.
3. Put disc (YEDS-18) in and playback.
4. Confirm that oscilloscope waveform is clear and check RF signal level is correct or not.

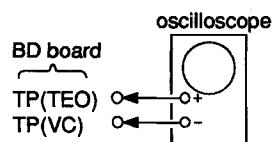
Note :

Clear RF signal waveform means that the shape "◇" can be clearly distinguished at the center of the waveform.

RF signal waveform



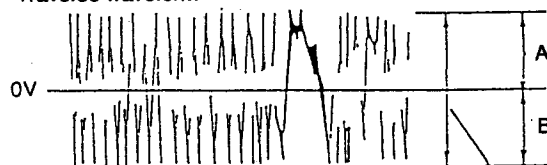
E-F Balance Check



Procedure :

1. Connect test point TP 701 (ADJ) on Main board to GND with a lead wire.
2. Connect oscilloscope to test point TP (TEO).
3. Turned Power switch on.
4. Put disc (YEDS-18) in and playback.
5. Confirm that the oscilloscope waveform is symmetrical on the top and bottom in relation to 0Vdc, and check this level.

Traverse waveform



level : 300 ± 100 mVp-p

Specified level : $\bullet \frac{A-B}{2(A+B)} \times 100 = \text{less than } \pm 7\%$
 $\bullet A + B = 300 \pm 100$ mVp-p

6. Remove the lead wire connected in step 1.

Focus/Tracking Gain Adjustment (RV102, RV103)

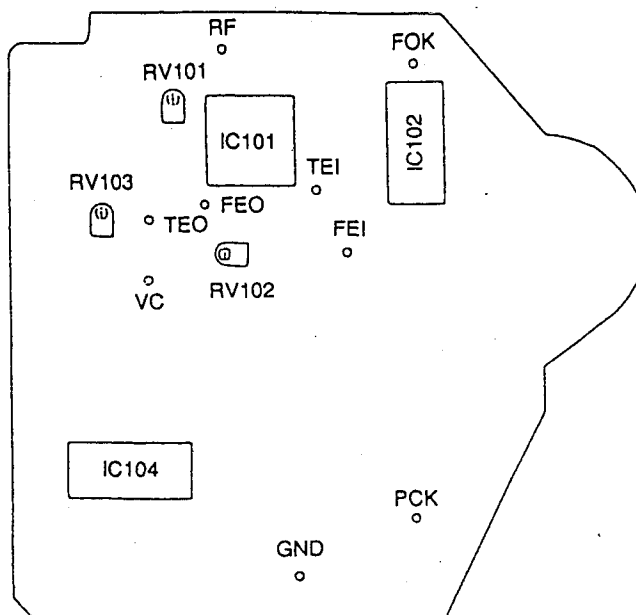
This gain has a margin, so even if it is slightly off. There is no problem.

Therefore, do not perform this adjustment.

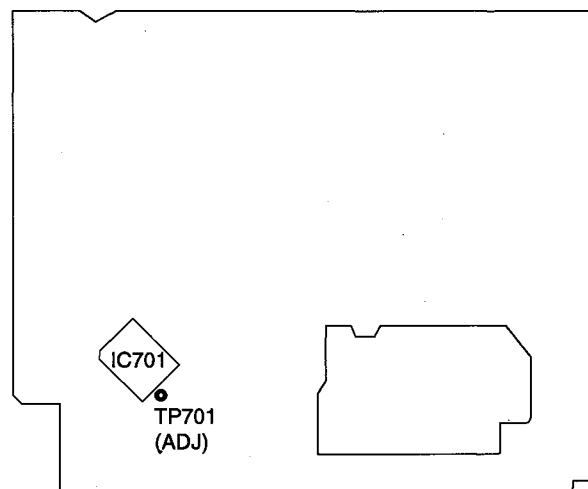
Please note that it should be fixed to mechanical center position when you moved and do not know original position.

Adjustment Location :

[BD BOARD] (Conductor Side)



[MAIN BOARD] (Conductor Side)



5-1. CIR

- Abbrevi
MX : M
AUS : A
AR : A

Note : I

SECTION 5 DIAGRAMS

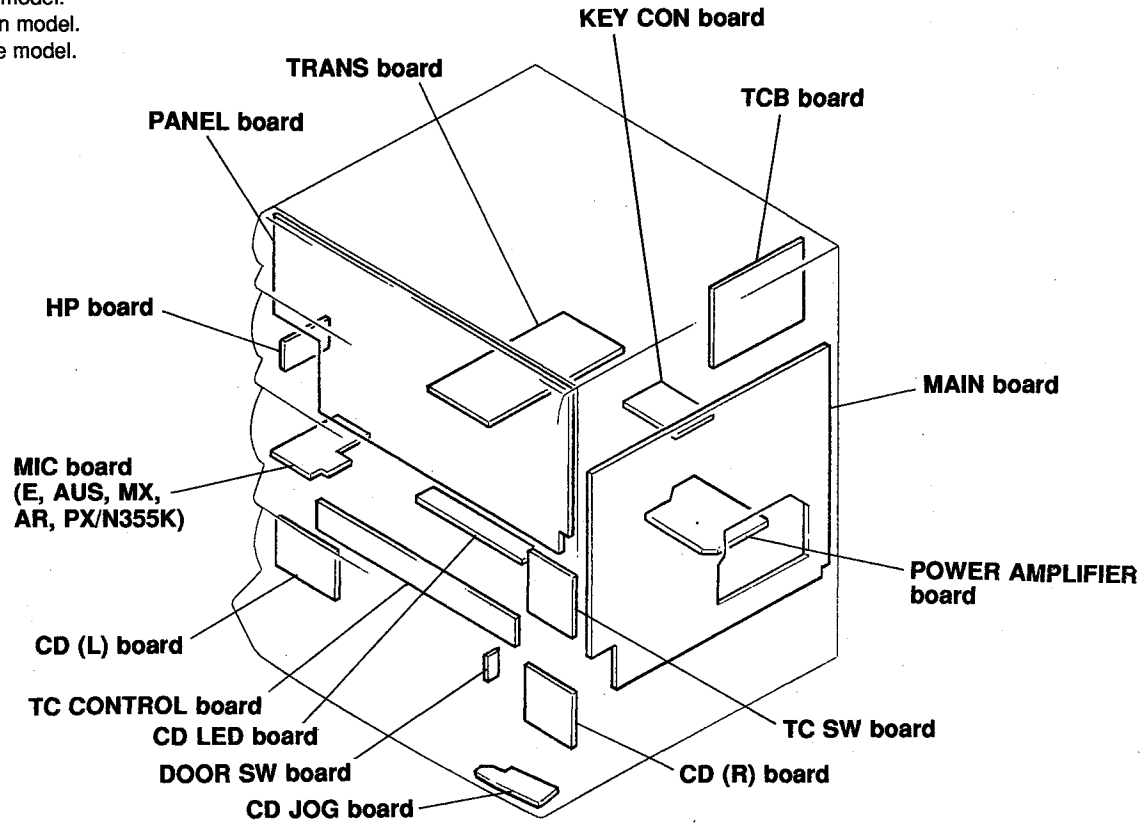
5-1. CIRCUIT BOARDS LOCATION

- Abbreviation

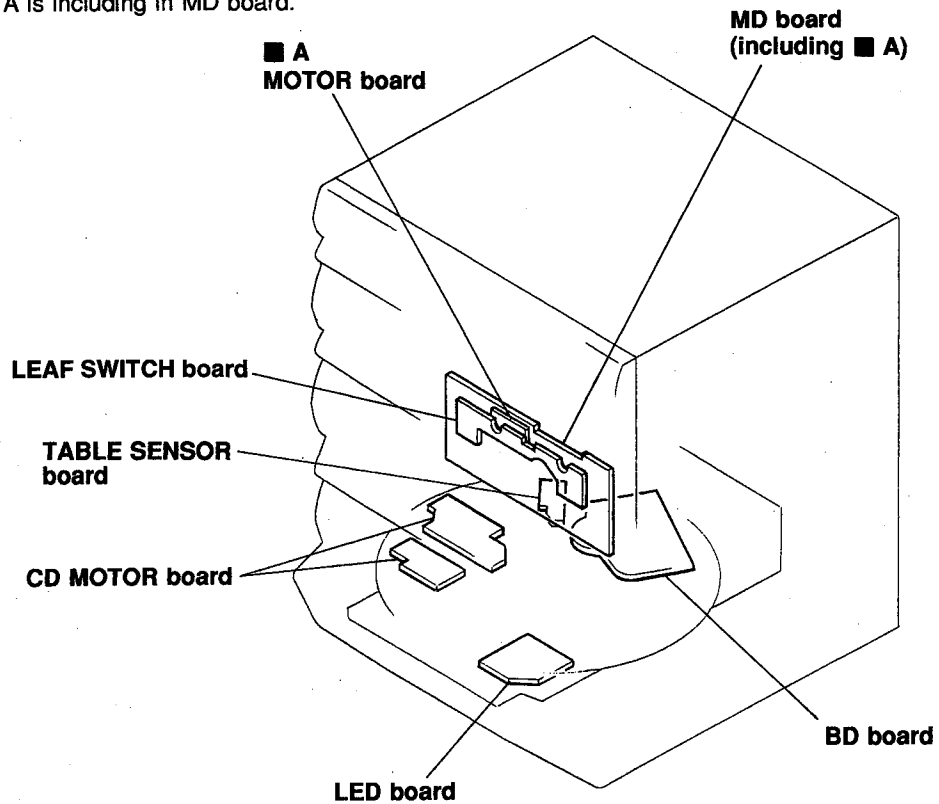
MX : Mexican model.

AUS : Australian model.

AR : Argentine model.



Note : ■ A is including in MD board.



5-2. IC PIN FUNCTIONS

• IC501 GRAPHIC CONTROL (ASD0204-012-3BA)

Pin No.	Pin Name	I/O	Function
1	VDD	—	+5V
2	LED8	O	LED drive signal output.
3, 4	LED7, 6	O	Not used.
5-9	LED5-1	O	LED drive signal output.
10	RESET	I	Reset signal input.
11	X2	O	} X'tal (4 MHz).
12	X1	I	
13	IC (Vpp)	—	Ground
14	XT2	I	Not used.
15	JOG B	I	AMS encoder signal input.
16	VDD	—	+5V
17, 18	LED10, 9	O	LED drive signal output.
19	KEY SEL	O	Key select control.
20	VOL B	I	Volume encoder signal input.
21	REQ. GM	O	Request signal from/to master control.
22	CLK MG	I	Serial clock input.
23	DATA GM	O	Serial data output.
24	DATA MG	I	Serial data input.
25	AVss	—	Ground
26-29	SPEANA 4-1	I	Spectram analyzer signal input.
30-33	KEY 4-1	I	Key matrix input.
34	AVDD	—	} +5V
35	AVREF	—	
36	VOL A	I	Volume encoder signal input.
37	JOG A	I	AMS encoder signal input.
38	RDY MG	I	Ready signal from master control.
39	SIRCS	I	SIRCS signal input.
40	Vss	—	Ground
41	DOR SW	I	CD door open detection input.
42	LED SELECT	O	LED select signal output.
43-45	LED13-11	O	LED drive signal output.
46	VDD	—	+5V
47, 48	LED5, 6	O	Not used.
49, 50	LED5, 4	O	Not used. (Pull down)
51-53	LED3-1	O	LED drive signal output.
54-78	SEG32-8	O	FL segment signal output.
79	V. LOAD	—	-25V for FL
80-86	SEG7-1	O	FL segment signal output.
87-100	GR14-1	O	FL grid signal output.

• Abbreviation

FL : FLUORESCENT INDICATOR TUBE

• IC701 MASTER CONTROL (TMP87CS64YF)

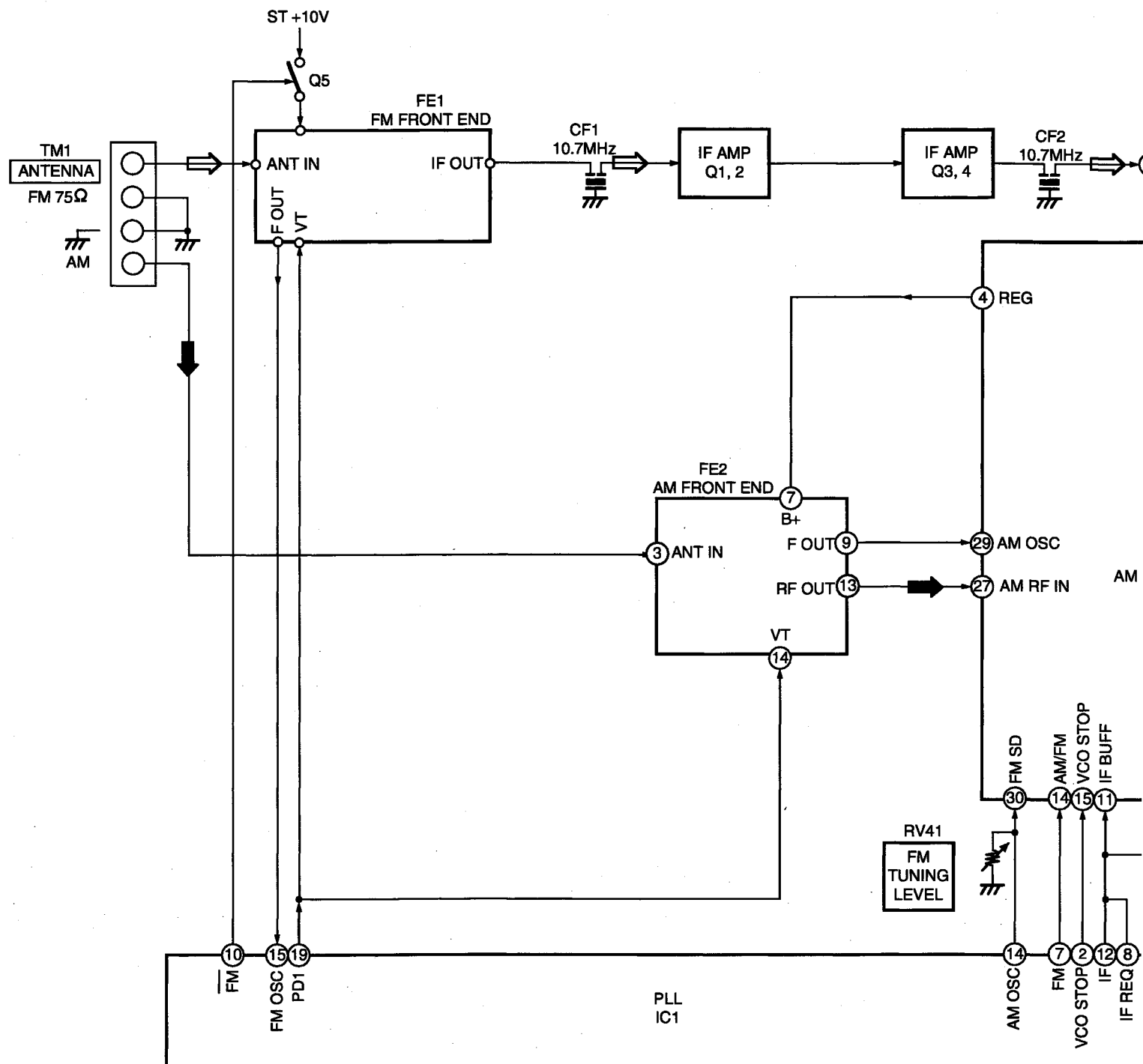
Pin No.	Pin Name	I/O	Function
1	Vss	—	Ground
2	XOUT	O	} X'tal (10 MHz).
3	XIN	I	
4	RESET	I	Reset signal input.
5	XOUT	O	} X'tal for clock (32.768 kHz)
6	XIN	I	
7	GND (test)	—	Ground
8	AC CUT	I	Back up signal input.
9	SUPER WOOFER ON	O	Not used. (Connected to ground)
10	ST-MUTE ON	O	Mute signal output for tuner.
11	I80-A-PLAY	I	} Tape detection signal input. (Not used) (Connected to ground)
12	I80-B-PLAY	I	
13	I80-B-REC	I	
14	CLK CHK	I	Not used.
15	UP-SW	I	Disc table up detect. (Not used) (Open)
16	IN-SW	I	Not used.
17	ENCODER-0	I	} Disc tray address detect encoder input. (Not used)
18	ENCODER-1	I	
19	ENCODER-2	I	
20	OUT SW OPEN	I	Out switch signal input. (Not used)
21	LOAD IN	O	} Loading motor control signal output.
22	LOAD OUT	O	
23	TBL-L	O	} Table motor control signal output.
24	TBL-R	O	
25	SCOR	I	Sub-code sync signal input.
26	TBL-SENS	I	CD Table sensor signal input.
27	RDS INT	I	RDS data start input. (Connected to ground)
28	RDS DATA	I	RDS data output. (Connected to ground)
29	DF LAT	O	Latch signal for digital filter.
30	SENS	I	Table sense signal input.
31	XRST	O	Reset signal output for CD.
32	MG-RDY	I	Ready signal from graphic control.
33	ADJ	I	Test mode input.
34	GM-REQ	I	Request signal from graphic control.
35	MG-CLK	O	Clock signal to graphic control.
36	GM-DATA	I	Data input from graphic control.
37	MG-DATA	O	Data output to graphic control.
38	CD-CLK	O	Clock output. Serial bus line.
39	ADJ-2	I	Test mode input.
40	CD-DATA	O	Data output. Serial bus line.

Pin No.	Pin Name	I/O	Function
41	AUB IN	I	} Audio bus in/output. (Open)
42	AUB OUT	O	
43	FOCUS SW	O	Focus switching signal output.
44	SQ-CLK	O	Subcode Q data read clock output.
45	SQ-DATA	I	Subcode Q data input.
46	X-LAT	O	Latch signal digital signal processor.
47	TEST	I	Test land.
48	VAREF	I	Analog reference voltage input.
49	VAss	—	} Ground
50	Vss	—	
51	VDD	—	+5V
52	SPEC	I	} Destination detection setting input.
53	DESTINATION	I	
54	DISC SENS	I	Not used. (Connected to ground)
55	TC RELAY	O	REC/PB select signal output.
56	A-SHUT	I	} Control signal input from deck.
57	B-SHUT	I	
58	B-HALF	I	
59	A-HALF	I	
60	220-A-PLAY	I	
61	220-B-PLAY	I	
62	62427 LAT	O	PLL latch output.
63	K-CON-LAT	O	Latch signal for KEY CON. (N355K)
64	VOL LAT (AV)	O	Latch signal for electrical volume. (Not used) (Open)
65	REAR SP RELAY B	O	} Not used. (Open)
66	FRONT SP RELAY C	O	
67	POWER ON	O	Power on signal output.
68	CD POWER	O	CD power control signal output.
69	PROLOG LAT	O	Not used. (Open)
70	MUTE	O	Mute signal for AMP.
71	COM CLK	O	PLL clock output.
72	COM DIN	I	PLL data input.
73	COM DATA	O	PLL data output.
74	K CON ON	O	Control signal output for KEY CON. (N355K)
75	LIDDED LED	O	Disc No. LED drive signal output. (Not used) (Open)
76	PROLOG ON	O	PRO LOGIC control output.
77	DBFB-HIGH	O	DBFB switching signal output.
78	URG STB STDBY	I	} Not used.
79	URG STB ON	O	
80	TC A	O	Deck A, B select output.

Pin No.	Pin Name	I/O	Function
81	NORM	O	NORMAL/HIGH control signal output.
82	BIAS OFF	O	Bias oscillation output.
83	REC MUTE	O	Mute output.
84	NR OFF	O	Dolby ON/OFF signal output.
85	PB	O	REC/PB control signal output.
86	PASS. AMP/DOLBY	O	Dolby switching signal output.
87	LINE MUTE ON	O	Mute signal output for deck.
88	CAP. M-HIGH	O	Capstan motor control signal output.
89	A-TRG	O	} Trigger motor control signal output.
90	B-TRG	O	
91	TRG LOW	O	Trigger motor high/low control signal output.
92	CAP M ON	O	Capstan motor ON/OFF control signal output.
93	STEREO	I	Stereo detection signal from tuner.
94	TUNED	I	Tuned detection signal from tuner.
95	ST-CE	O	Latch signal output for tuner.
96	DELAY SEL MIC	O	} Not used. (Connected to ground)
97	DELAY ON	O	
98	DELAY LEVEL A	O	
99	DELAY LEVEL B	O	
100	VDD	—	+5V

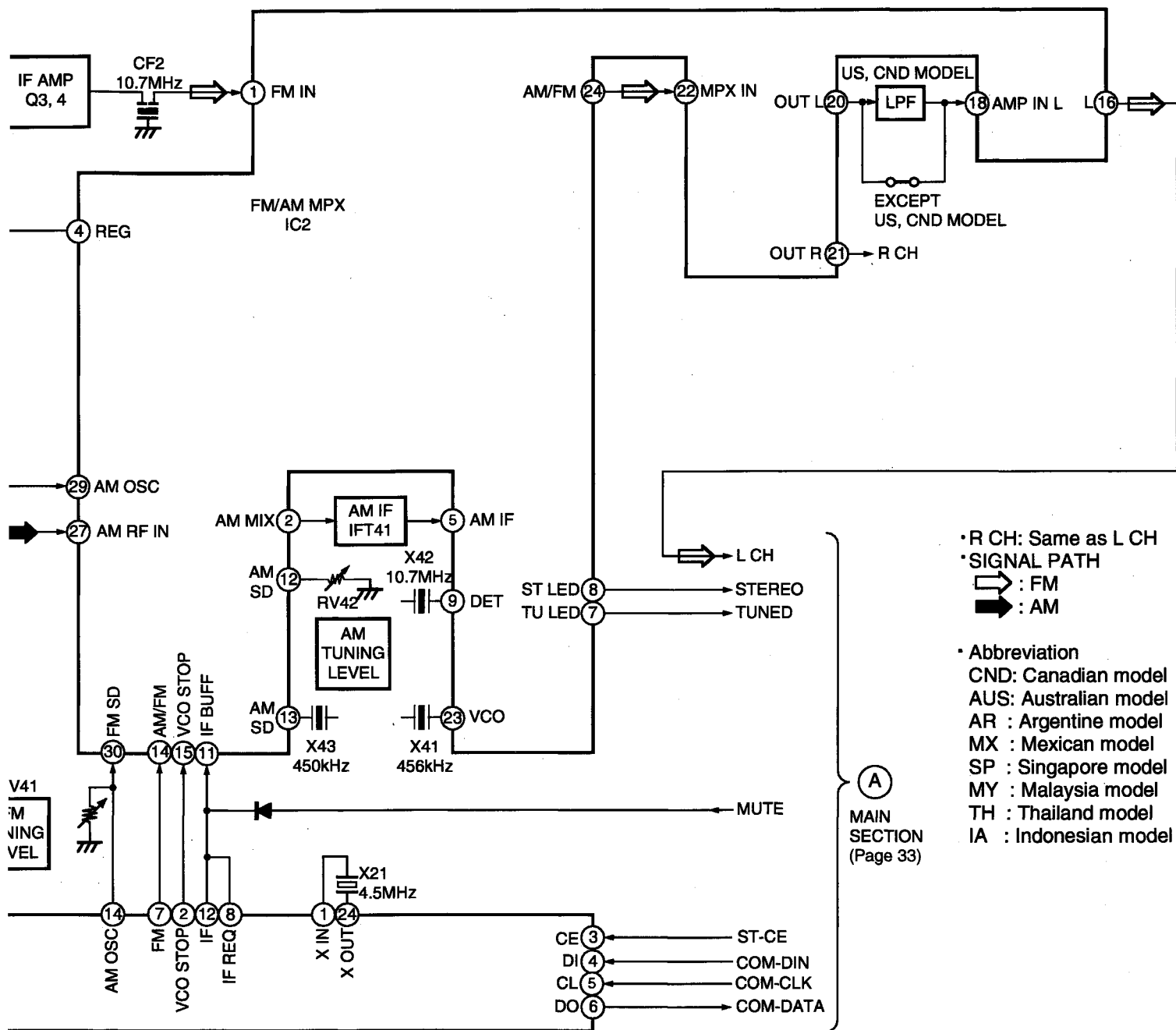
5-3. BLOCK DIAGRAMS

— TUNER SECTION — (D570 : US, CND/N355 : E, MX, PX, AUS, AR/N355K : E, SP, MY, TH, IA MODELS)



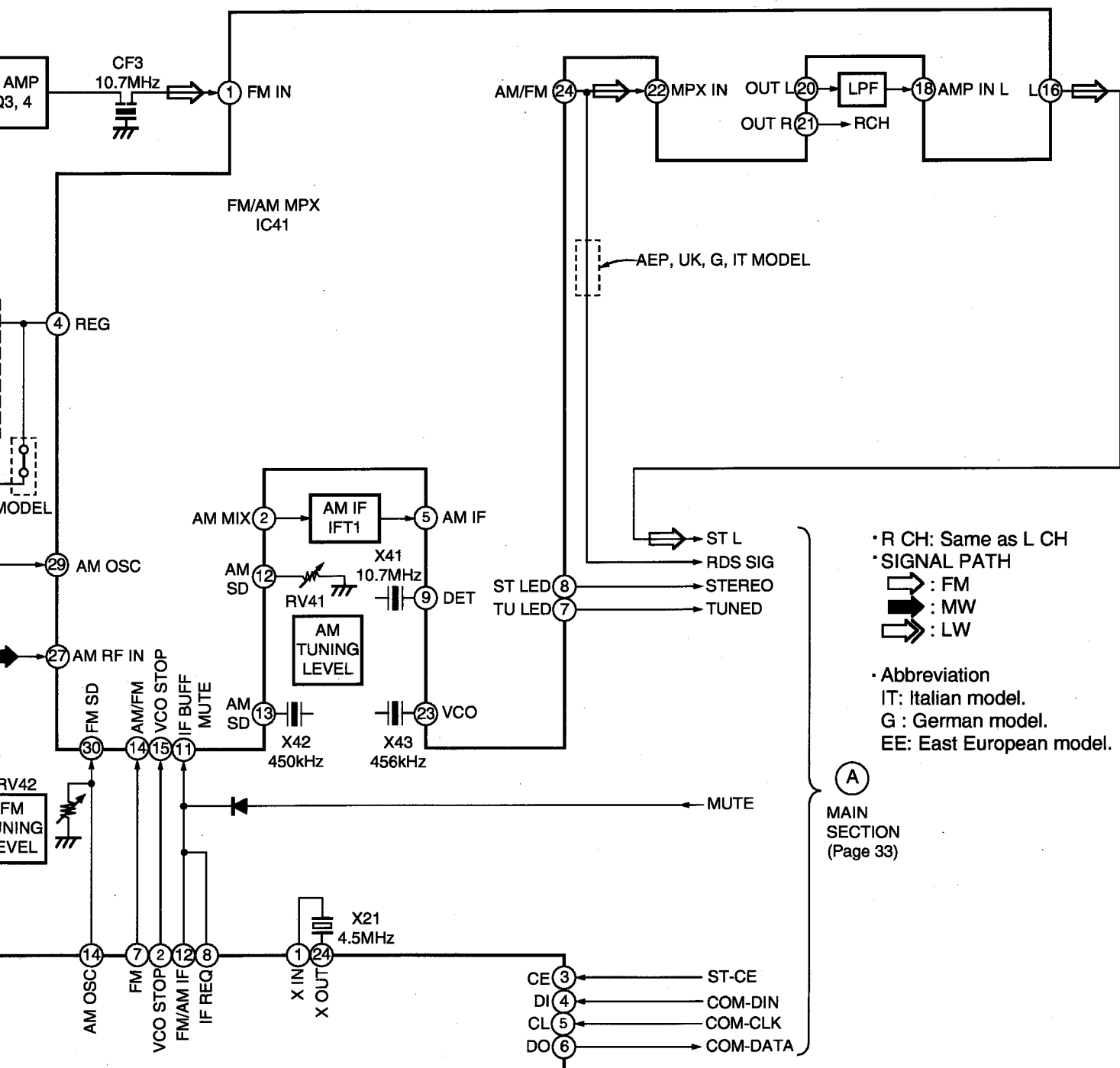
09

MODELS)



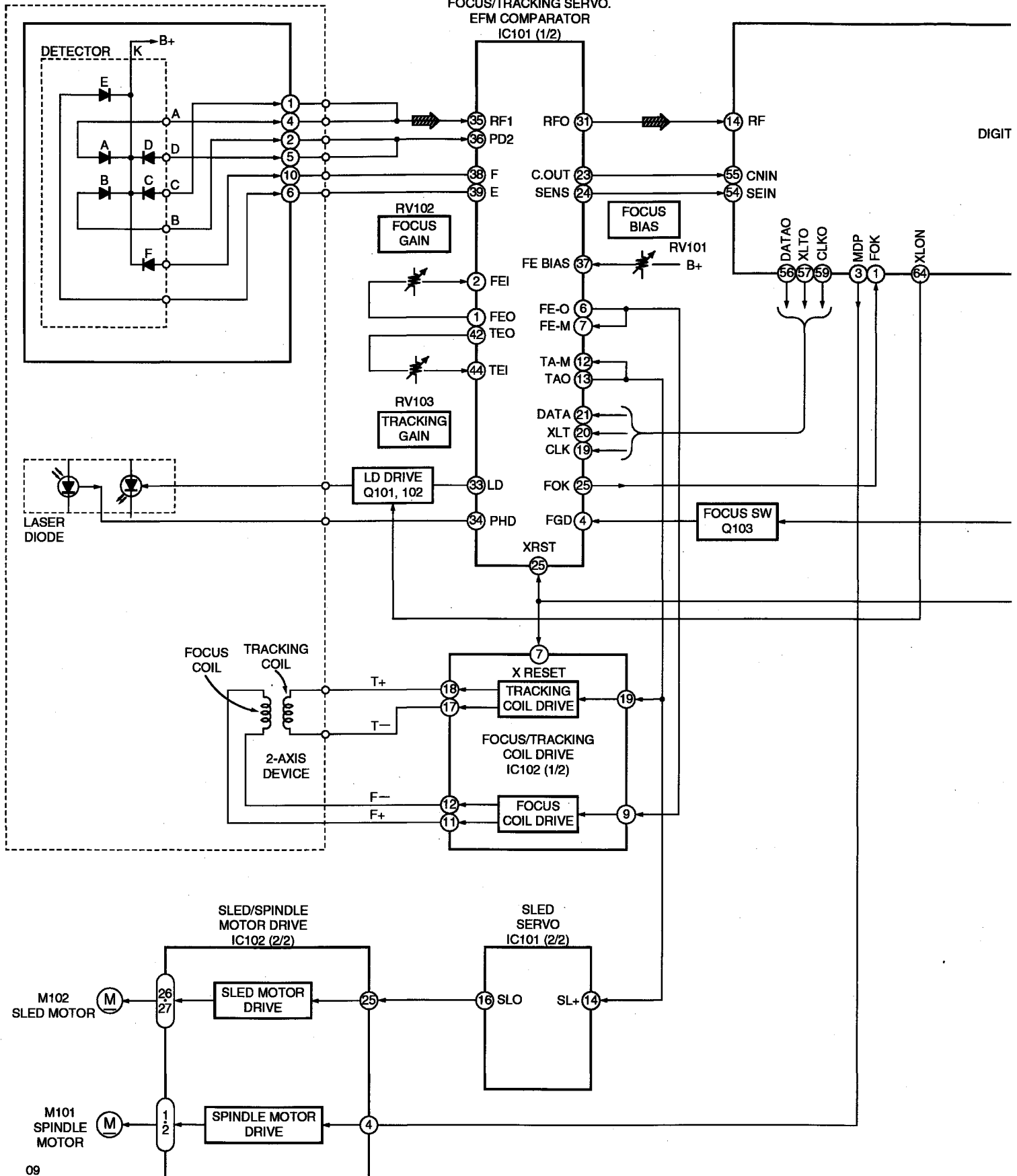
— TUNER SECTION — (N355 : AEP, UK, G, IT, EE MODELS)

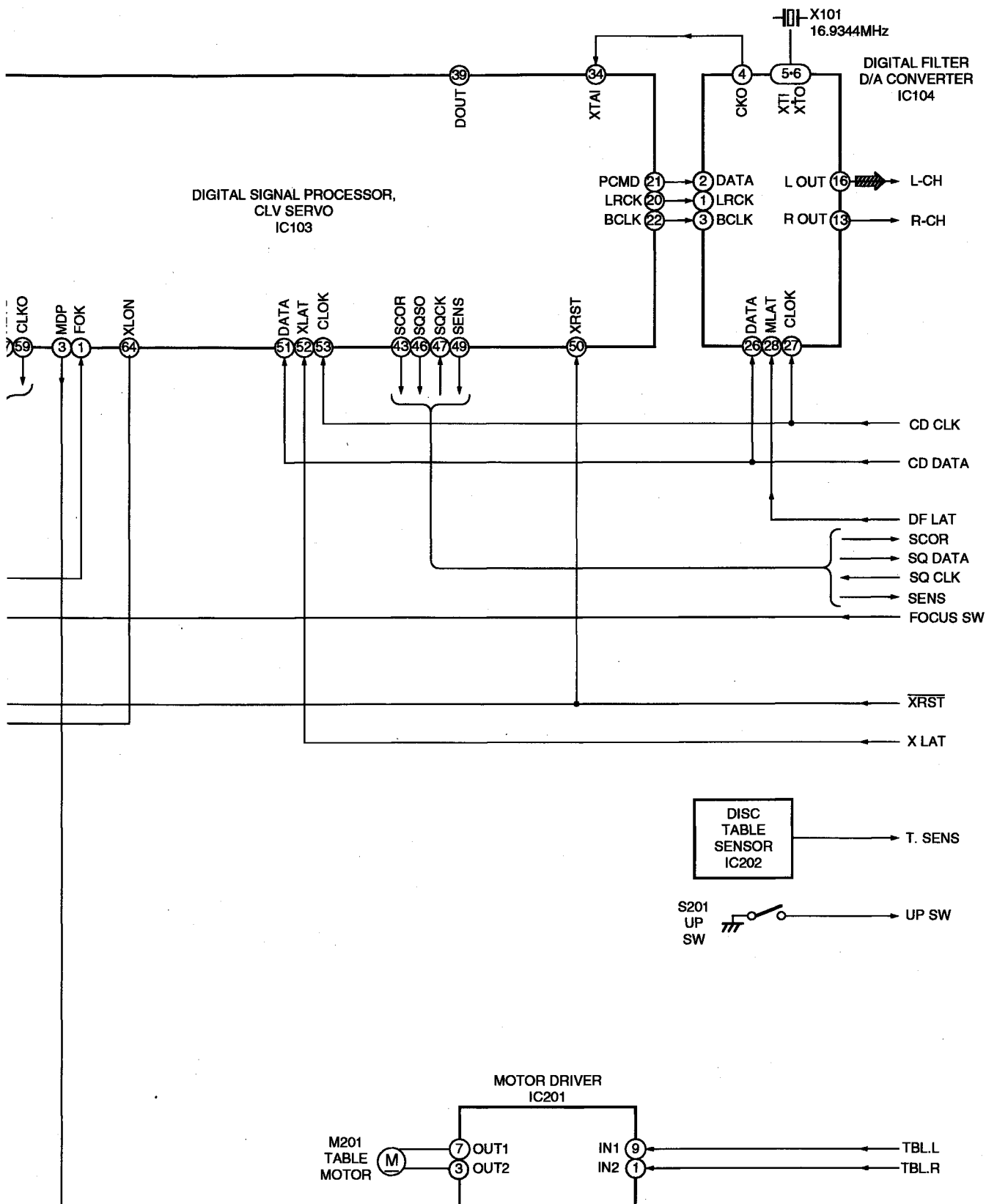






OPTICAL PICK-UP BLOCK



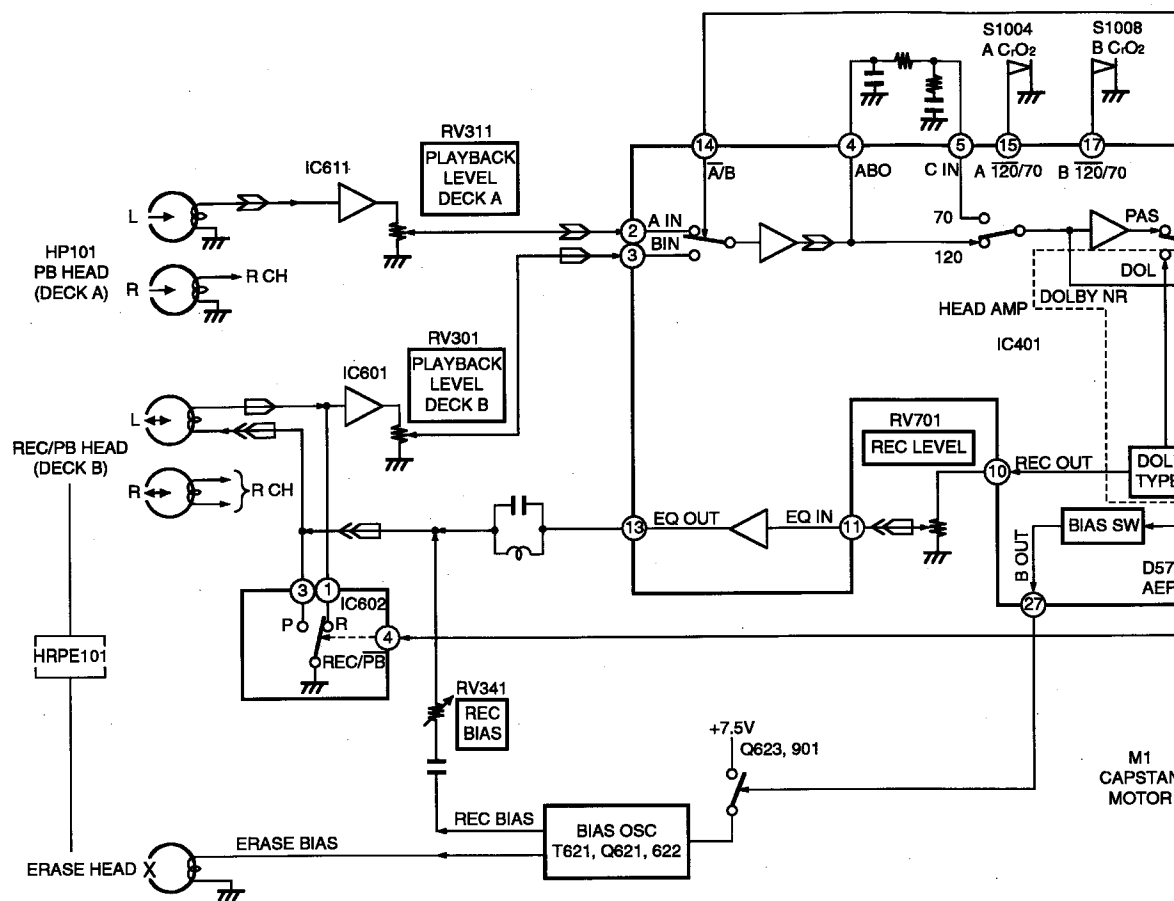


(C)
MAIN
SECTION
(Page 33)

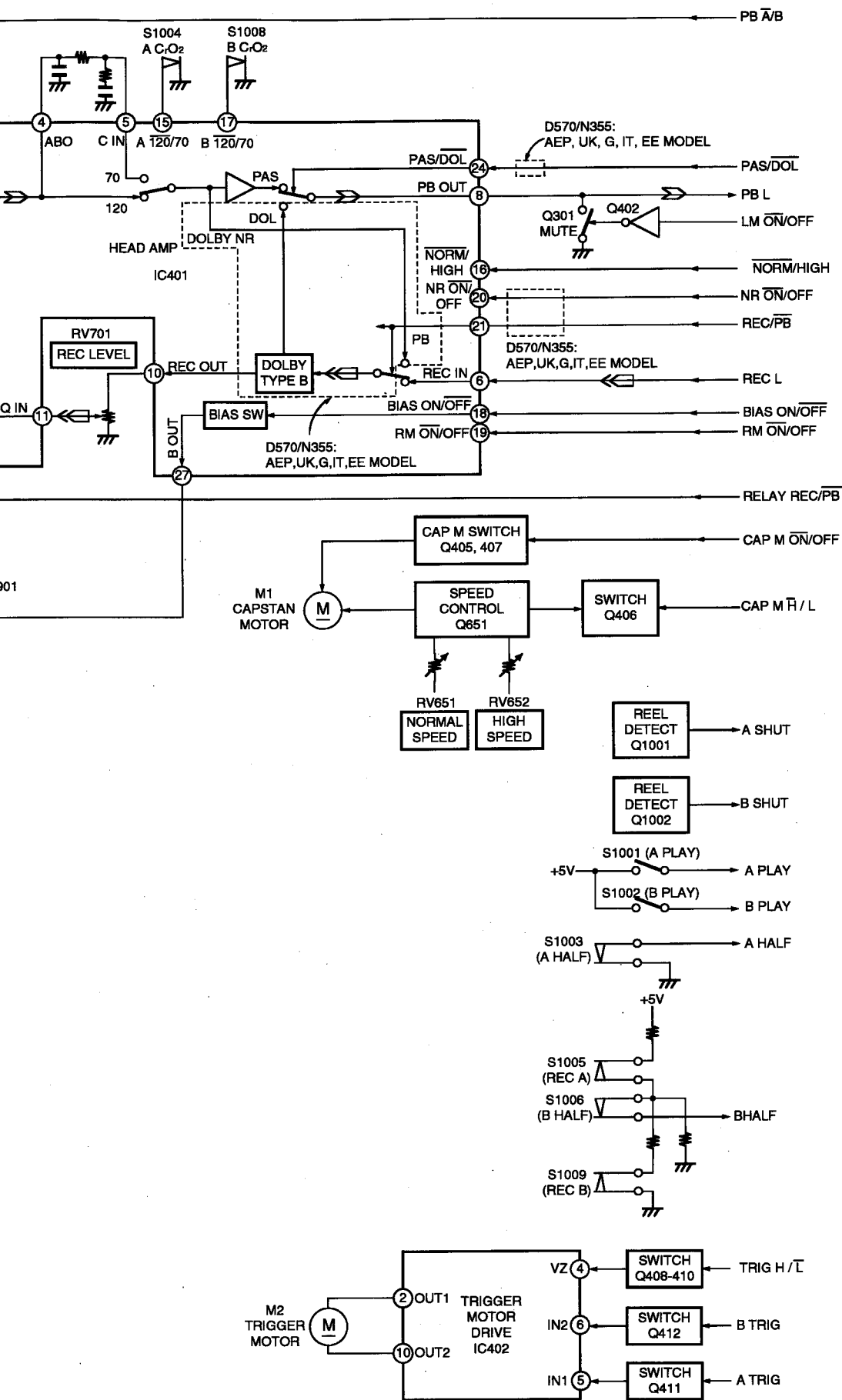
• SIGNAL PATH



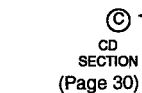
— TC SECTION —

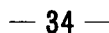


- R CH : Same as L CH
- SIGNAL PATH
 - ◀ : PB (DECK A)
 - ◀ : PB (DECK B)
 - ◀ : REC (DECK B)
- Abbreviation
 - G : German model.
 - IT : Italian model.
 - EE : East European model.



(B)
MAIN
SECTION
(Page 33)

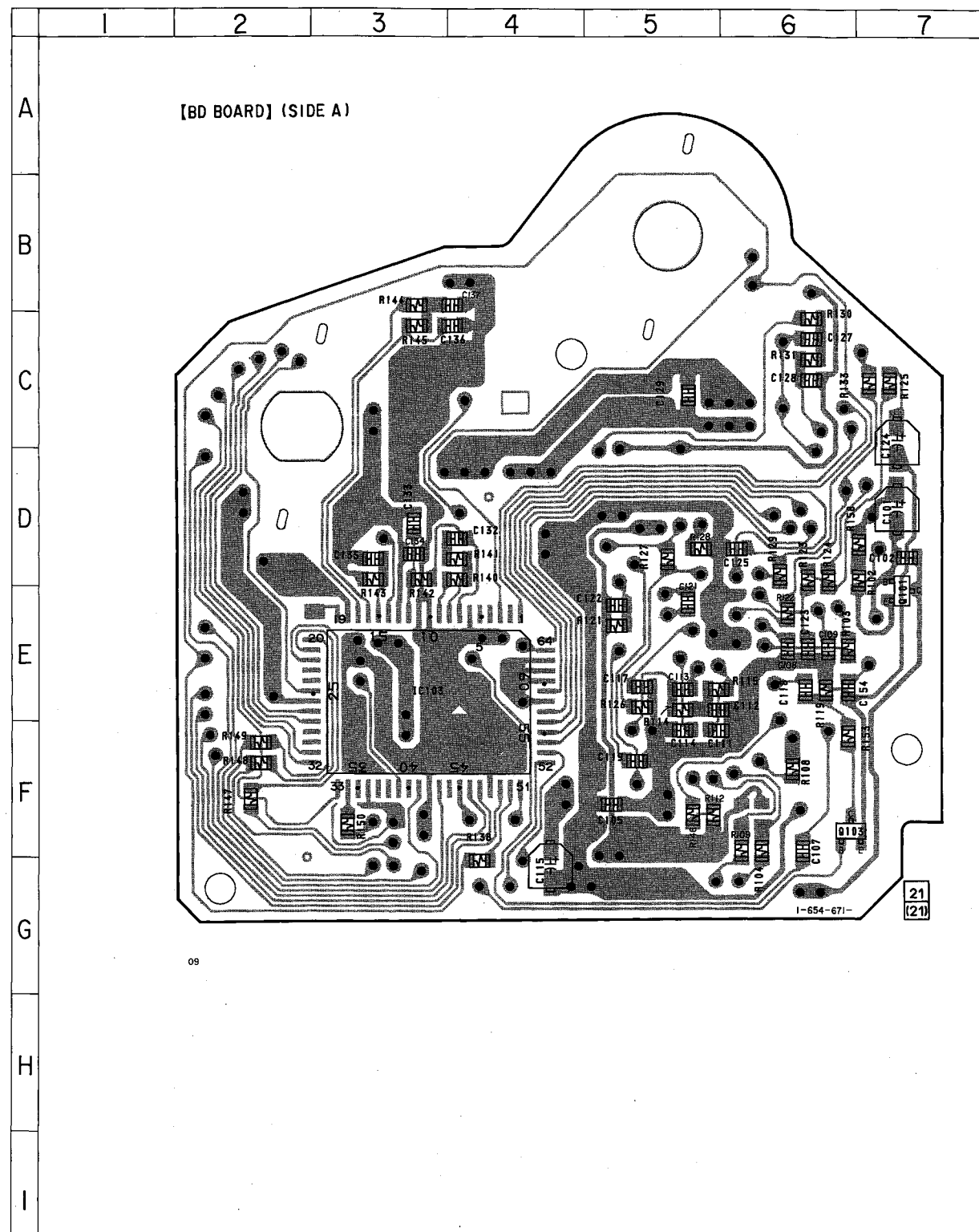




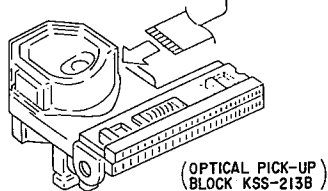
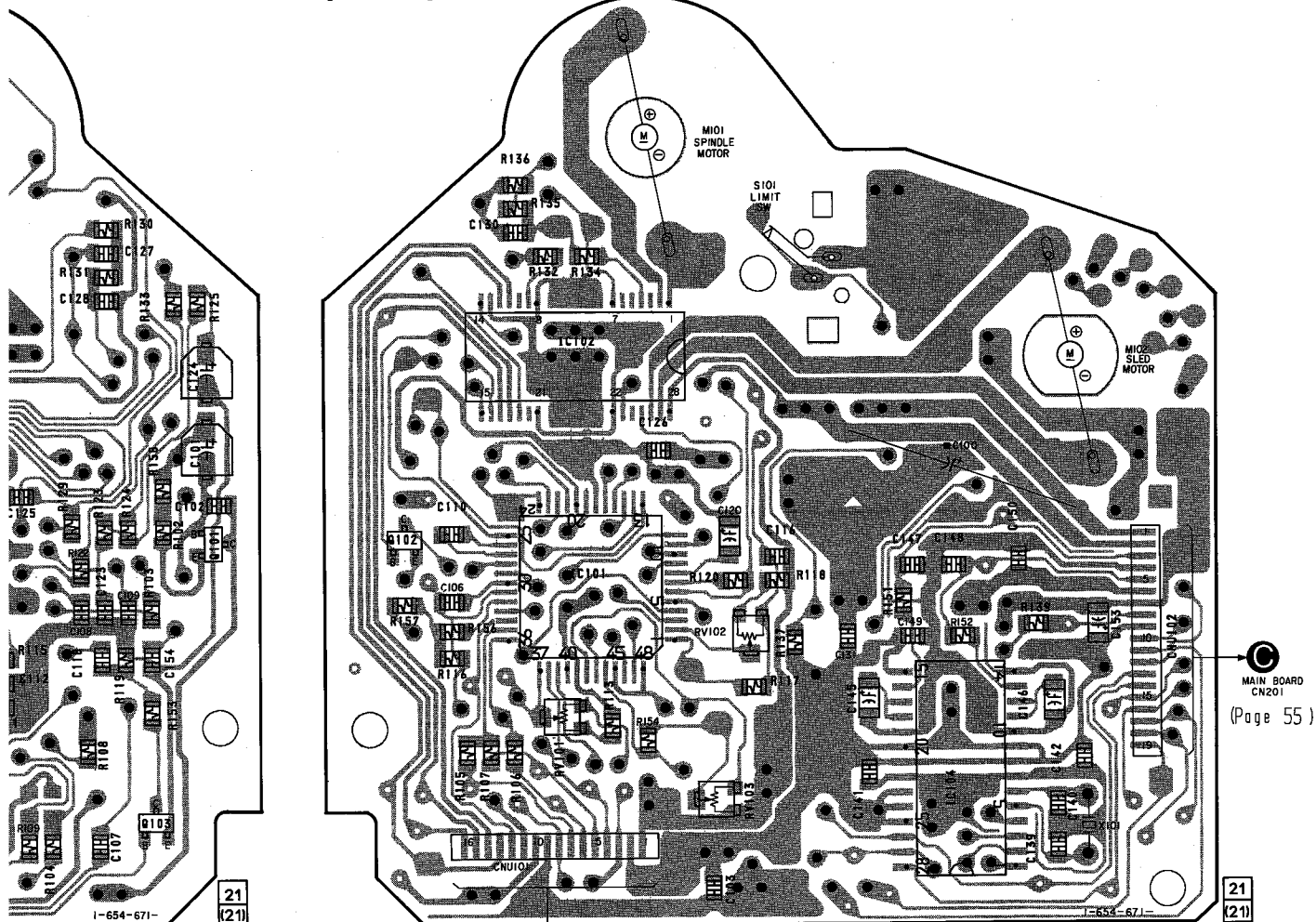
5-4. PRINTED WIRING BOARD — CD SECTION — • See page 18 for Circuit Boards Location.

• Semiconductor Location

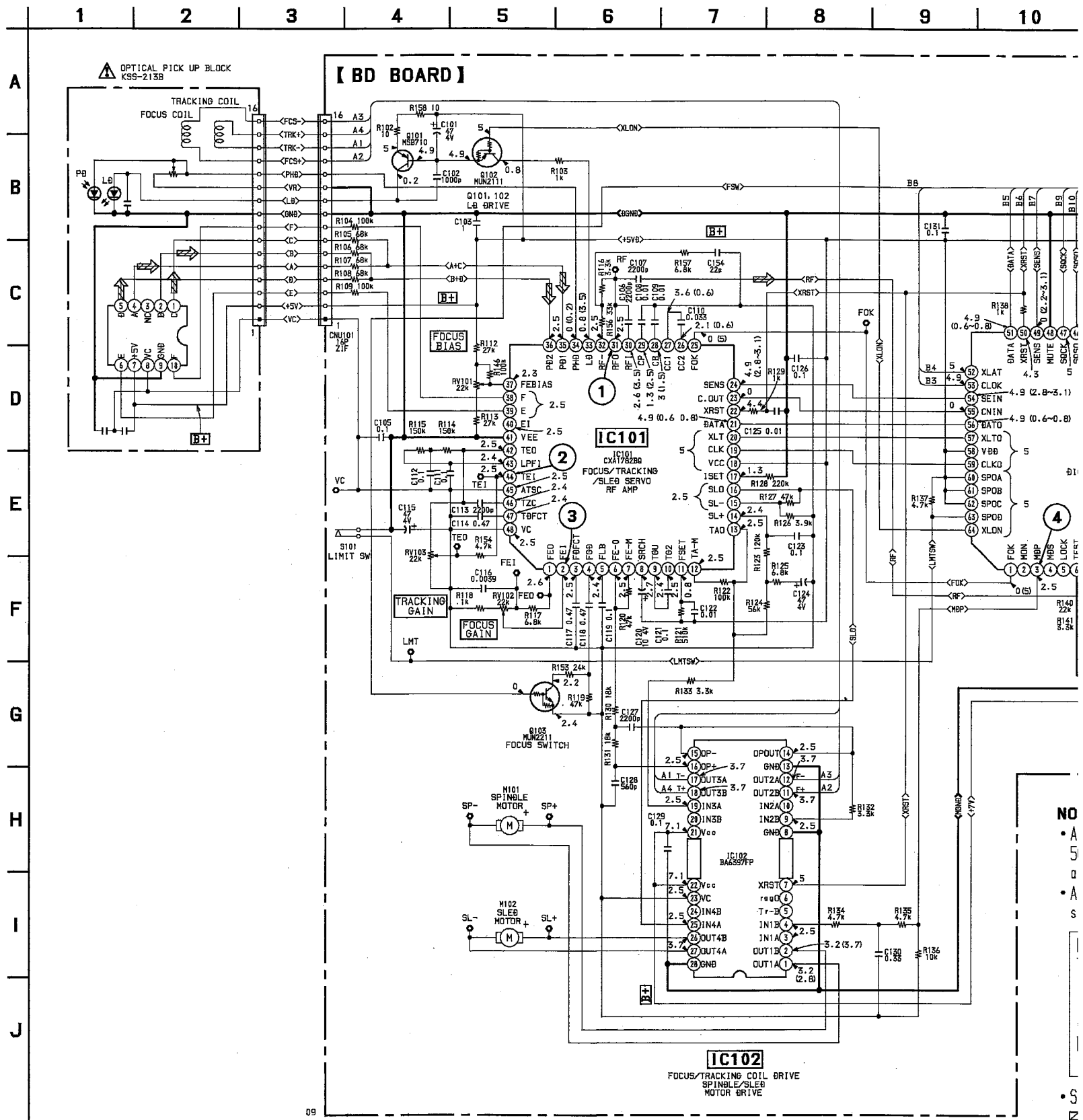
Ref. No.	Location
IC101	E-9
IC102	C-9
IC103	E-3
IC104	F-11
Q101	D-7
Q102	D-8
Q103	F-6

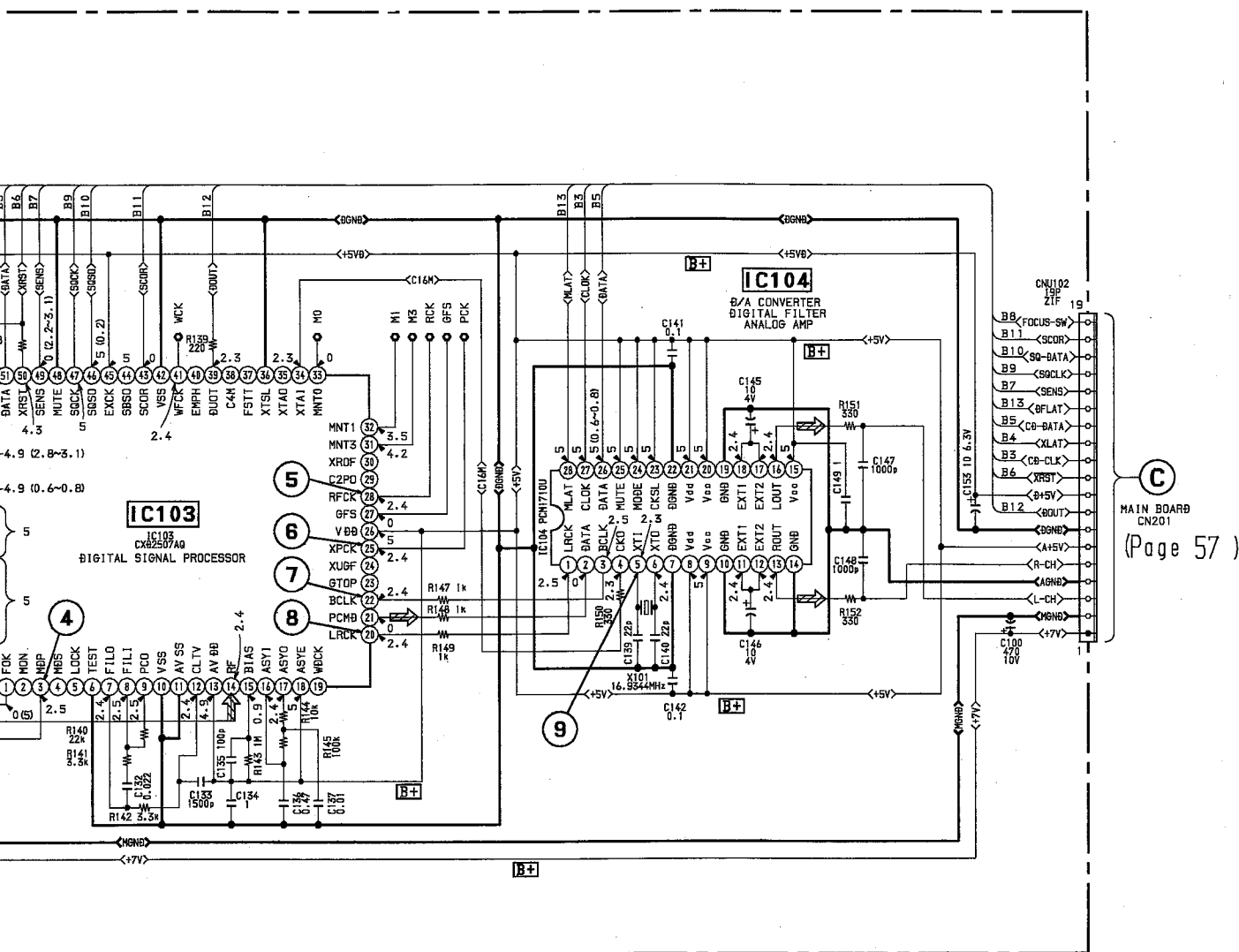


[BD BOARD] (SIDE B)



5-5. SCHEMATIC DIAGRAM — CD SECTION —
 • See page 79 for IC Block Diagrams. (IC101 — 104)





NOTE

- All capacitors are in μF unless otherwise noted, pF : μF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $1/4\text{W}$ or less unless otherwise specified.

Note:

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Note:

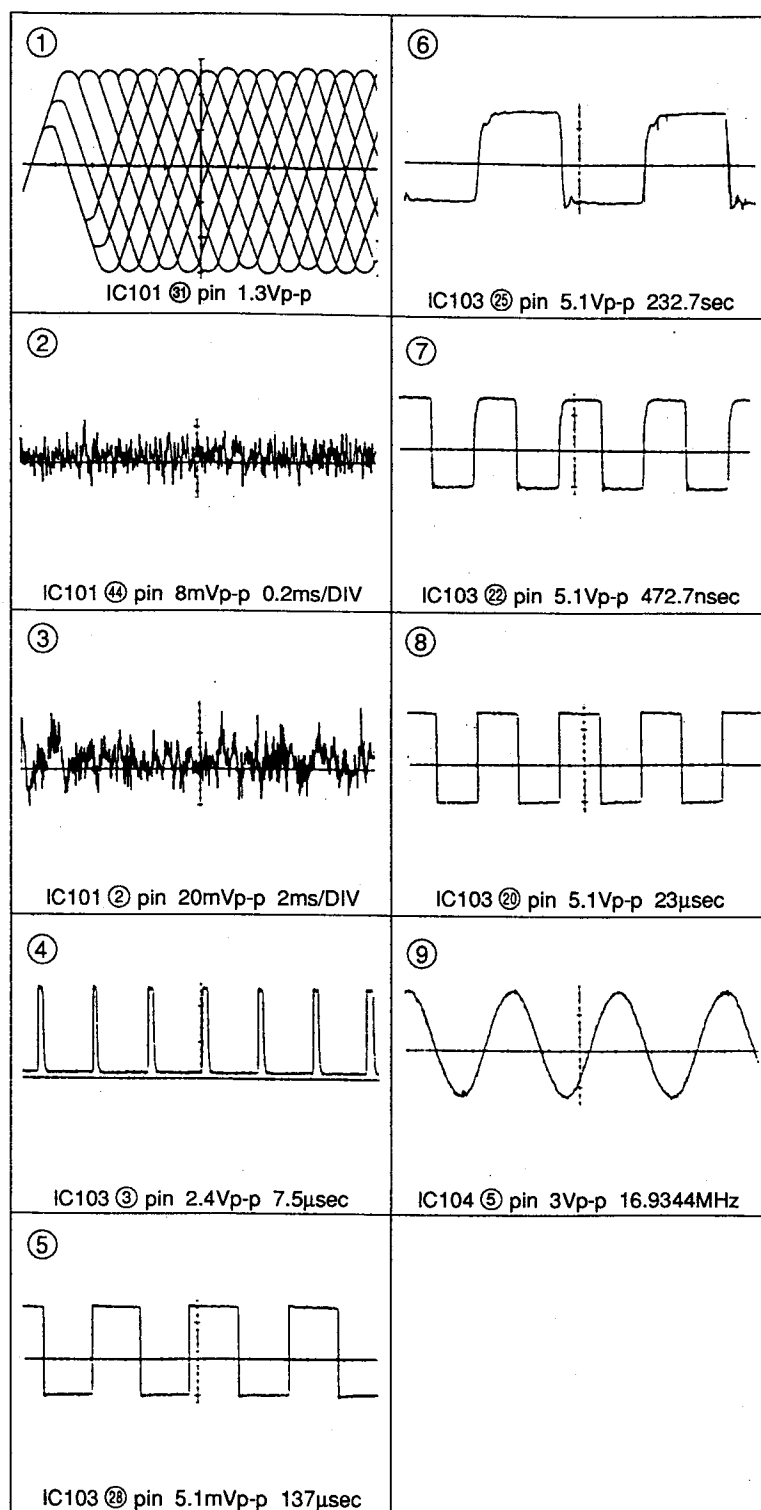
Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- $\boxed{B+}$: B+ Line.
- $\square$: adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal conditions.
no mark: STOP
(): PLAY
- Voltages are taken with a VOM (Input impedance $10\text{M}\Omega$). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.

- Signal path.

$\Rightarrow$: CD

• Waveforms



C

MAIN BOARD
CN201

(Page 57)

1

2

3

4

5

6

7

8

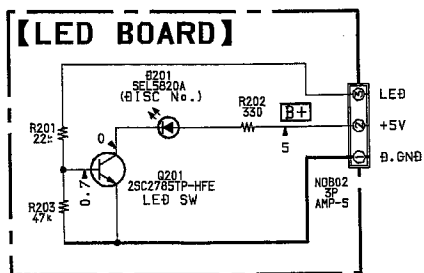
9

A

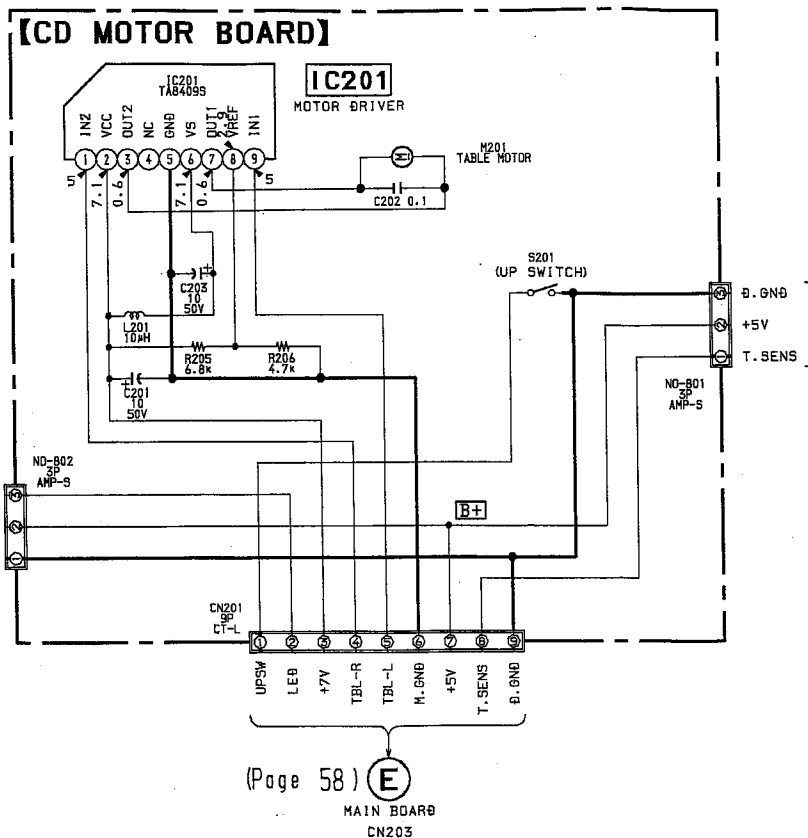
- B**

Voltage variations may be noted due to normal production tolerances.

C

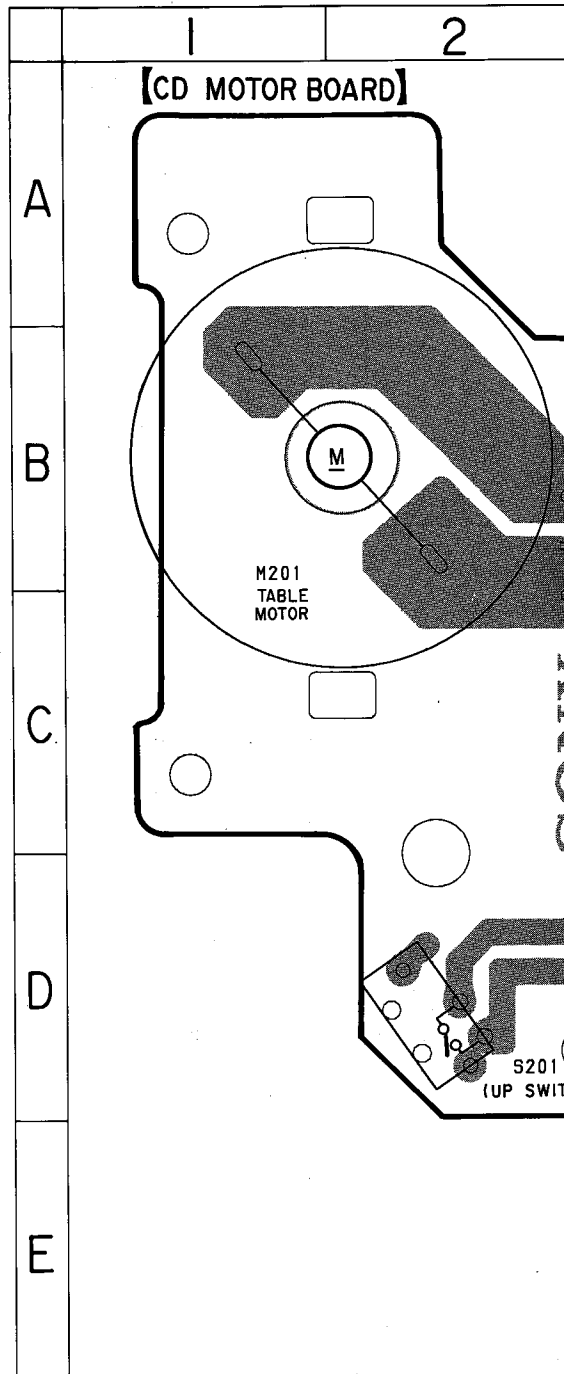
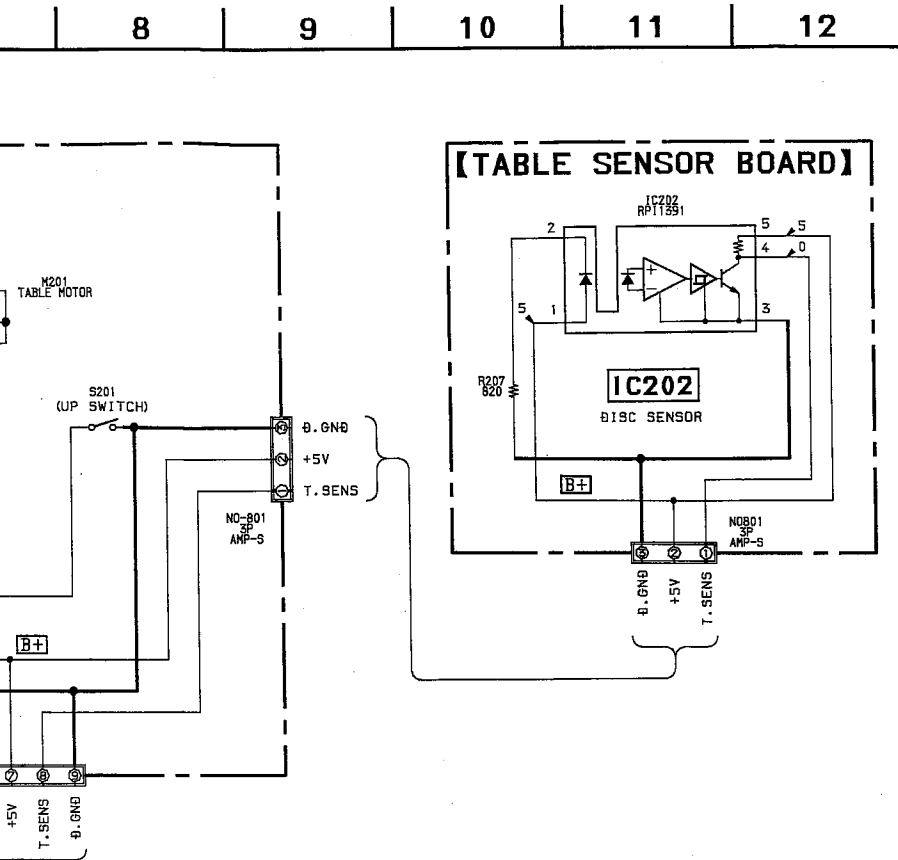


D

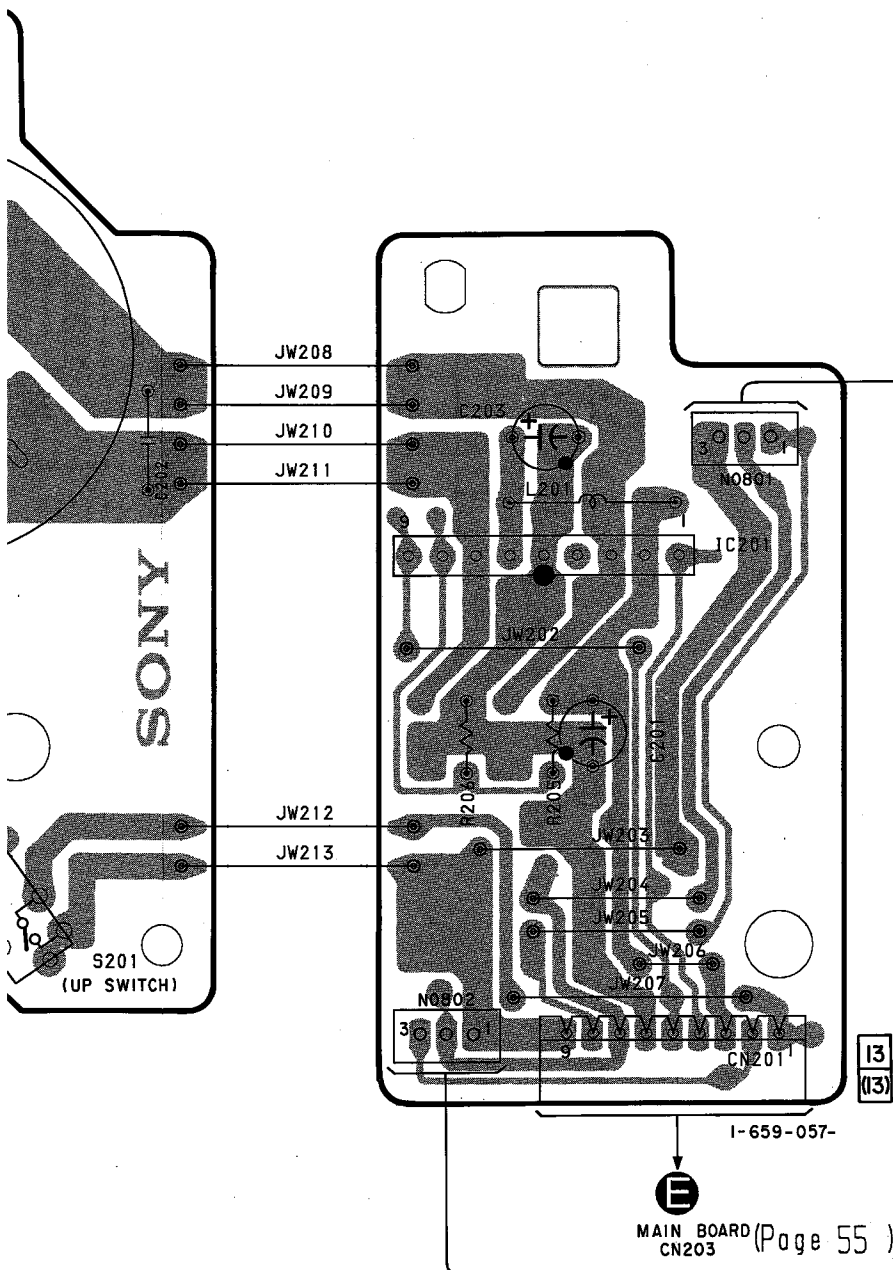


(Page 58

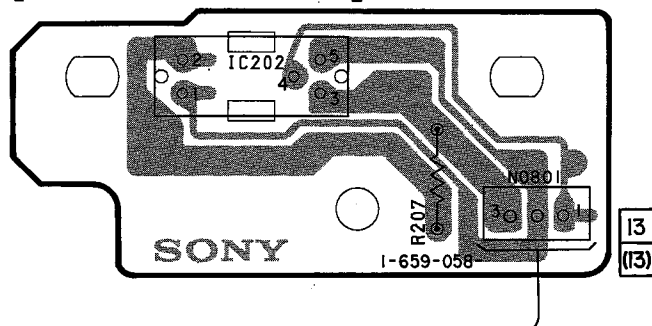
MAIN BOARD
CN203



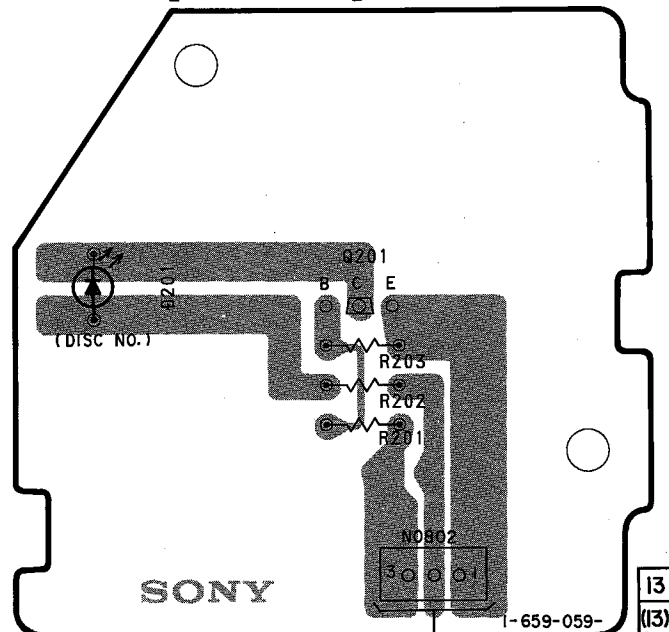
2	3	4	5	6	7
---	---	---	---	---	---



[TABLE SENSOR BOARD]



[LED BOARD]



Note:

- ○ — : parts extracted from the component side.
- ■ : Pattern from the side which enable seeing.

[TCB BOARD]

FE1 FM FRONT ENØ

FE2 AM FRONT ENØ

IC1 PLL

IC2 LA1835 FM TUNING LEVEL

US. CNØ

TH1 ANTENNA

FM 75Ø

AM

Q1 25C26690Y

Q2 25C26690Y

Q3 25C26690Y

Q4 25C26690Y

Q5 BNT14AM

IC1 LC72130

IC2 LA1835

IFT41

C21 22p: EXCEPT TH

C22 0.1

C23 0.01

C24 4.7k

C25 0.01

C26 10 50V

C27 0.1

C28 2.2 50V

C29 33p: EXCEPT TH

C30 1000p

C31 0.01

C32 8.2p

C33 100 5.1

C34 10k

C35 10k

C36 47k

C37 1k

C38 0.01

C39 0.1

C40 0.1

C41 0.01

C42 0.01

C43 0.01

C44 0.01

C45 47 16V

C46 4700p

C47 1000p

C48 0.01

C49 0.1

C50 0.039

C51 456k

C52 10 16V

C53 0.1

C54 0.01

C55 0.1

C56 0.01

C57 0.1

C58 0.01

C59 0.1

C60 0.1

C61 0.1

C62 0.01

C63 0.1

C64 0.01

C65 0.01

C66 0.01

C67 0.01

C68 0.01

C69 0.01

C70 0.01

R1 47

R2 330

R3 330

R4 330

R5 330

R6 22k

R7 330

R8 330

R9 22k

R10 22k

R11 22k

R12 330

R13 330

R14 22k

R15 10k

R16 47k

R17 47k

R18 47k

R19 33

R20 33

R21 100

R22 4.7k

R23 4.7k

R24 4.7k

R25 100

R26 330

R27 4.7k

R28 4.7k

R29 10 50V

R30 1k

R31 1k

R32 1k

R33 100 5.1

R34 10k

R35 10k

R36 47k

R37 1k

R38 1k

R39 1k

R40 1k

R41 1k

R42 1k

R43 1k

R44 1k

R45 1k

R46 1k

R47 1k

R48 1k

R49 1k

R50 1k

R51 1k

R52 10k

R53 1k

R54 1k

R55 1k

R56 1k

R57 1k

R58 1k

R59 1k

R60 1k

R61 1k

R62 1k

R63 1k

R64 1k

R65 1k

R66 1k

R67 1k

R68 1k

R69 1k

R70 1k

R71 1k

R72 1k

R73 1k

R74 1k

R75 1k

R76 1k

R77 1k

R78 1k

R79 1k

R80 1k

R81 1k

R82 1k

R83 1k

R84 1k

R85 1k

R86 1k

R87 1k

R88 1k

R89 1k

R90 1k

R91 1k

R92 1k

R93 1k

R94 1k

R95 1k

R96 1k

R97 1k

R98 1k

R99 1k

R100 1k

R101 1k

R102 1k

R103 1k

R104 1k

R105 1k

R106 1k

R107 1k

R108 1k

R109 1k

R110 1k

R111 1k

R112 1k

R113 1k

R114 1k

R115 1k

R116 1k

R117 1k

R118 1k

R119 1k

R120 1k

R121 1k

R122 1k

R123 1k

R124 1k

R125 1k

R126 1k

R127 1k

R128 1k

R129 1k

R130 1k

R131 1k

R132 1k

R133 1k

R134 1k

R135 1k

R136 1k

R137 1k

R138 1k

R139 1k

R140 1k

R141 1k

R142 1k

R143 1k

R144 1k

R145 1k

R146 1k

R147 1k

R148 1k

R149 1k

R150 1k

R151 1k

R152 1k

R153 1k

R154 1k

R155 1k

R156 1k

R157 1k

R158 1k

R159 1k

R160 1k

R161 1k

R162 1k

R163 1k

R164 1k

R165 1k

R166 1k

R167 1k

R168 1k

R169 1k

R170 1k

R171 1k

R172 1k

R173 1k

R174 1k

R175 1k

R176 1k

R177 1k

R178 1k

R179 1k

R180 1k

R181 1k

R182 1k

R183 1k

R184 1k

R185 1k

R186 1k

R187 1k

R188 1k

R189 1k

R190 1k

R191 1k

R192 1k

R193 1k

R194 1k

R195 1k

R196 1k

R197 1k

R198 1k

R199 1k

R200 1k

R201 1k

R202 1k

R203 1k

R204 1k

R205 1k

R206 1k

R207 1k

R208 1k

R209 1k

R210 1k

R211 1k

R212 1k

R213 1k

R214 1k

R215 1k

R216 1k

R217 1k

R218 1k

R219 1k

R220 1k

R221 1k

R222 1k

R223 1k

R224 1k

R225 1k

R226 1k

R227 1k

R228 1k

R229 1k

R230 1k

R231 1k

R232 1k

R233 1k

R234 1k

R235 1k

R236 1k

R237 1k

R238 1k

R239 1k

R240 1k

R241 1k

R242 1k

R243 1k

R244 1k

R245 1k

R246 1k

R247 1k

R248 1k

R249 1k

R250 1k

R251 1k

R252 1k

R253 1k

R254 1k

R255 1k

R256 1k

R257 1k

R258 1k

R259 1k

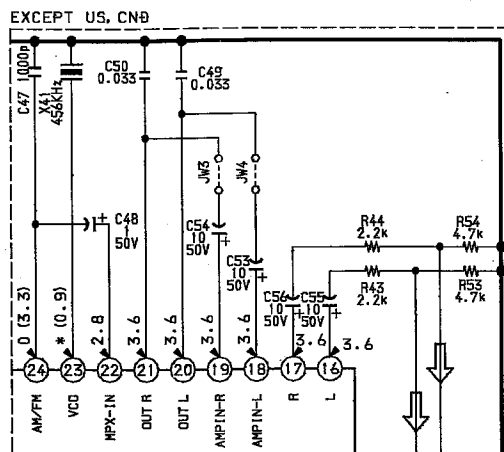
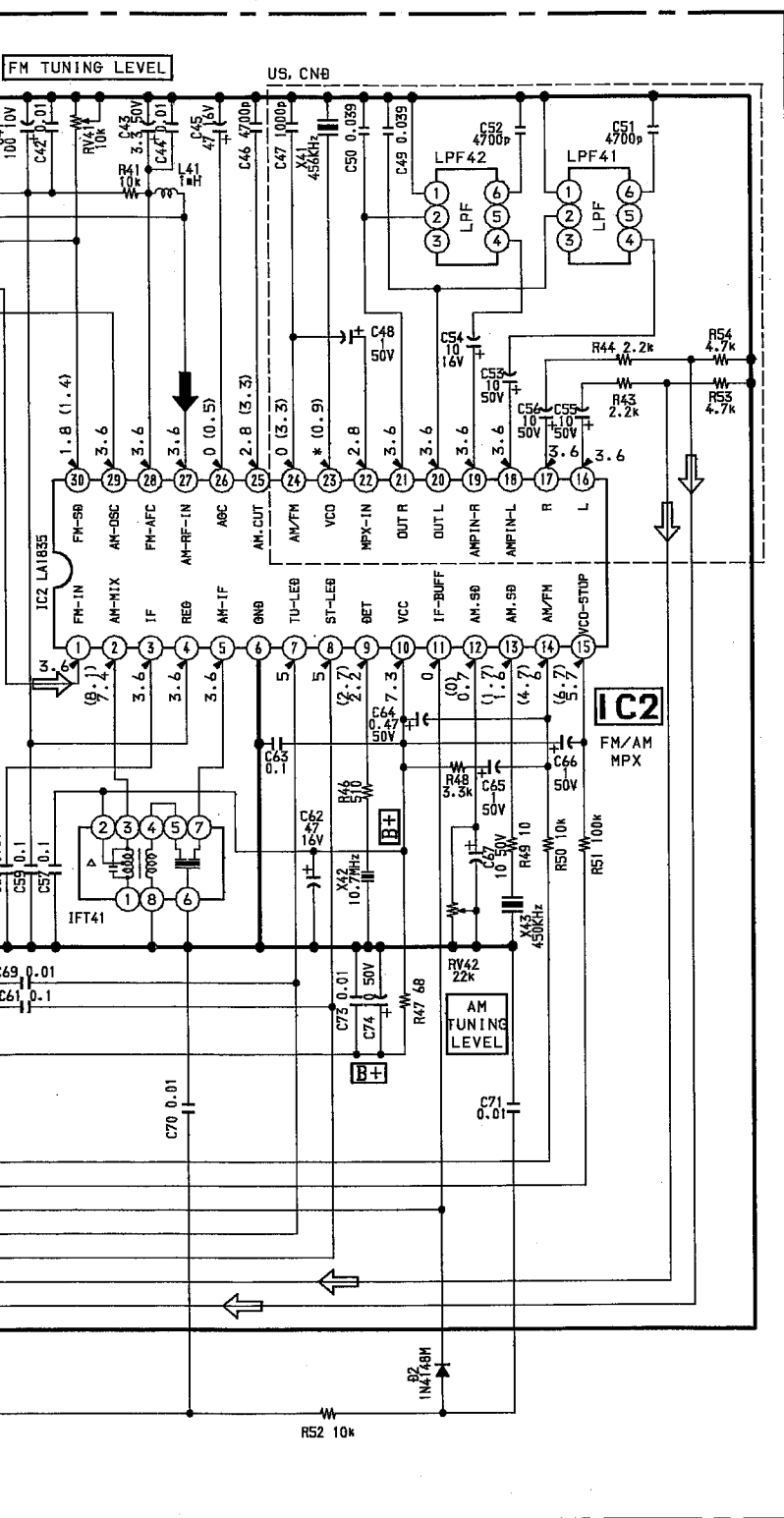
R260 1k

R261 1k

R262 1k

R263 1k

- 44 -



• Semiconductor Location

Ref. No.	Location
D1	F-2
D2	E-3
IC1	F-3
IC2	C-3
Q1	E-2
Q2	E-3
Q3	D-2
Q4	D-2
Q5	D-3

NOTE

- All capacitors are in μF unless otherwise noted. $\text{pF} = \mu\text{F} \times 10^{-6}$. 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $1/4\text{W}$ or less unless otherwise specified.
- Δ : internal component.
- $\square$: panel designation.
- B+ : B+ Line.
- $\square$: adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
no mark: FM
() : AM
- * : can not be measured.
- Voltages are taken with a VOM (Input impedance $10\text{M}\Omega$). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Abbreviation
CND: Canadian model. AUS: Australian model.
MX : Mexican model. AR : Argentine model.
SP : Singapore model. TH : Thailand model.
MY : Malaysia model. IA : Indonesian model.
- Signal path.
 $\Rightarrow$: FM
 $\Rightarrow$: AM

Note:

- $\circ$: parts extracted from the component side.
- Δ : internal component.
- $\square$: Pattern from the side which enable seeing.

Abbreviation

CND : Canadian model.
MX : Mexican model.
SP : Singapore model.
MY : Malaysia model.
AUS : Australian model.
AR : Argentine model.
TH : Thailand model.
IA : Indonesian model.

5-9. PRINTED WIRING BOARD — TUNER SECTION —

(D570 : US, CND/N355 : E, MX, PX, AUS, AR/N355K : E, SP, MY, TH, IA MODELS)

• See page 18 for Circuit Boards Location.

Semiconductor
Location

Ref. No.	Location
D1	F-2
D2	E-3
C1	F-3
C2	C-3
Q1	E-2
Q2	E-3
Q3	D-2
Q4	D-2
Q5	D-3

ed, pF: μ F
Electrolytics

s otherwise

ground

10M Ω).
produc-

produc-

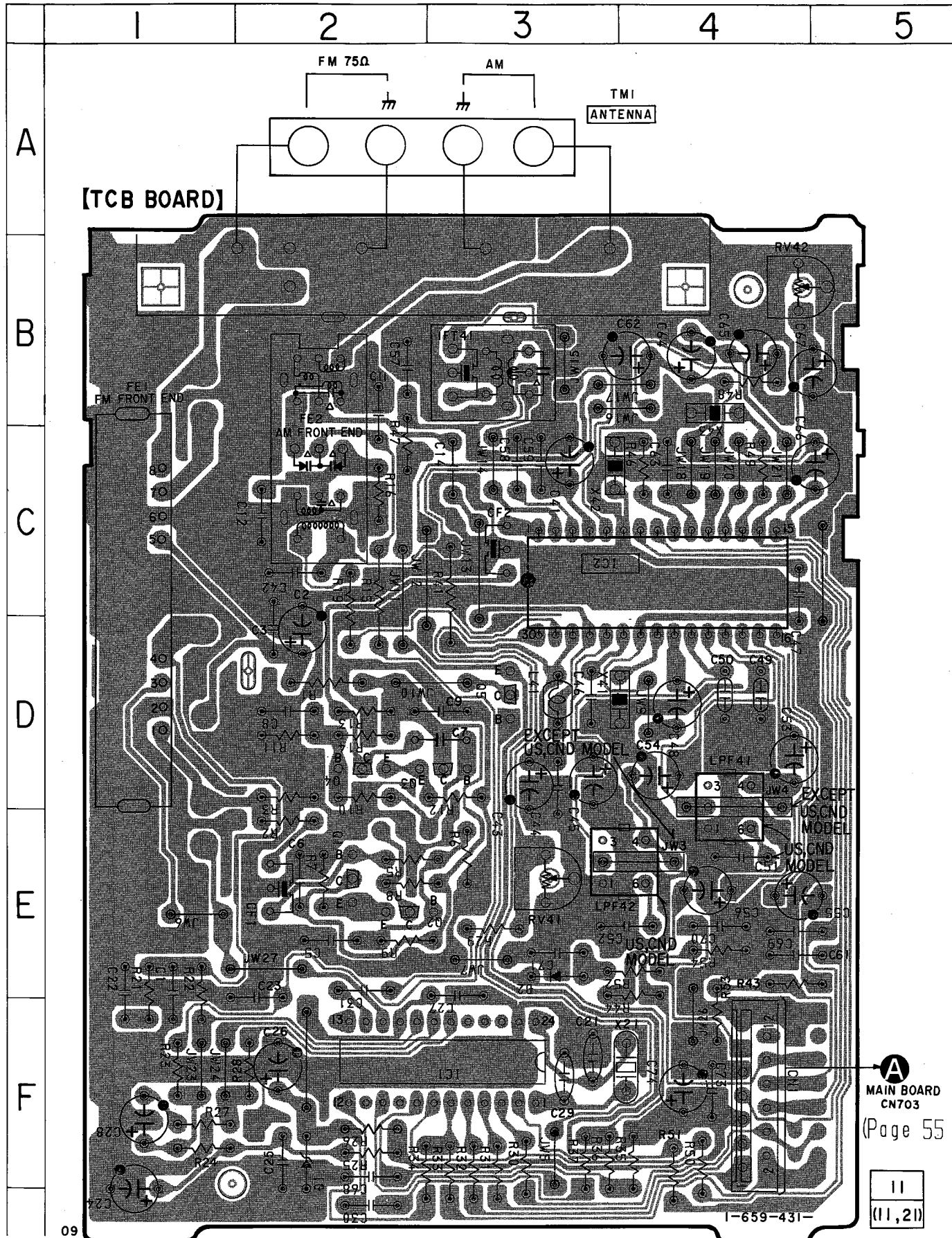
del.

del.

del.

component side.

h enable seeing.

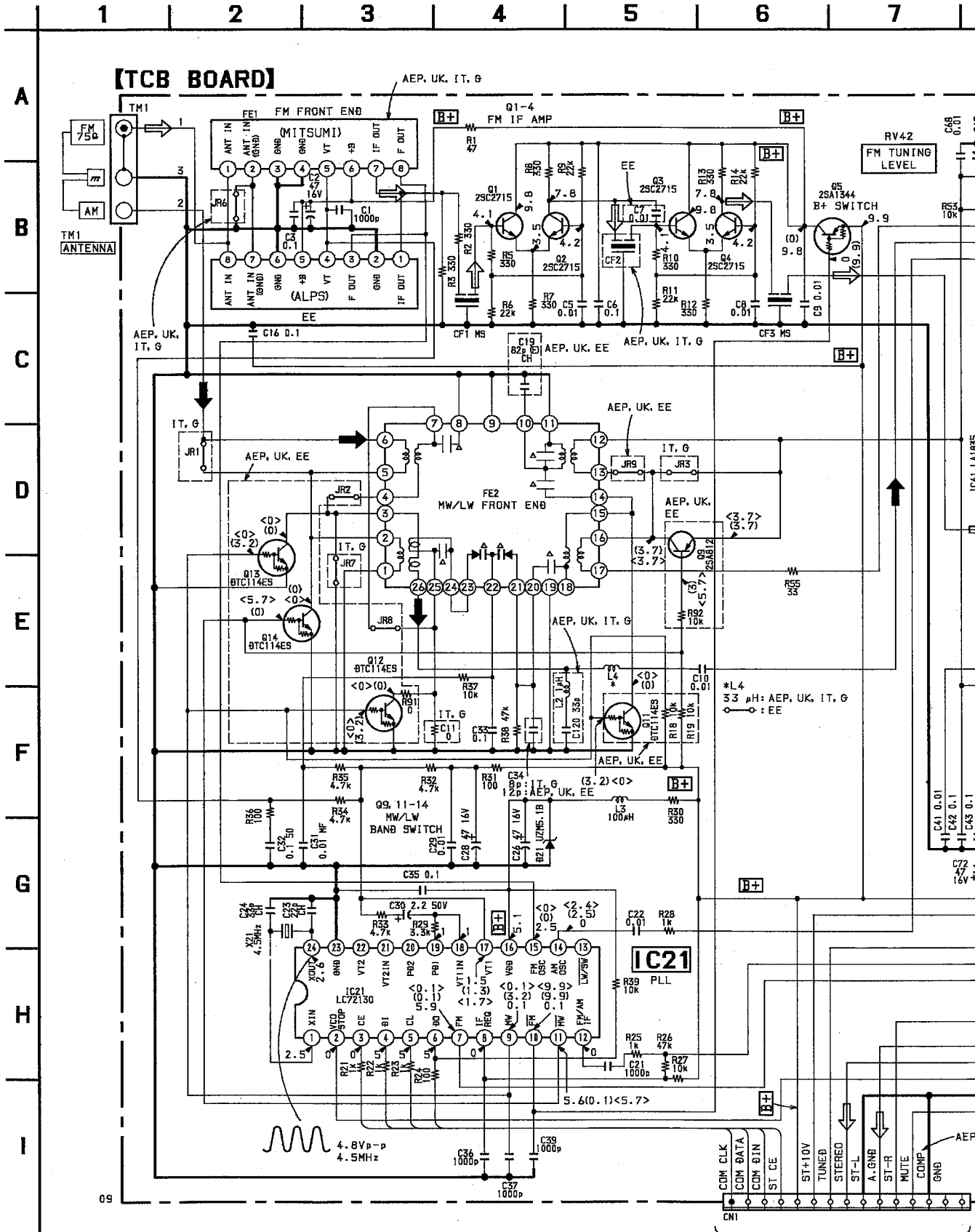


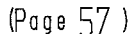
A
MAIN BOARD
CN703

(Page 55)

11
(11,21)

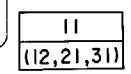
5-10. SCHEMATIC DIAGRAM — TUNER SECTION — (N355 : AEP, UK, G, IT, EE MODELS)



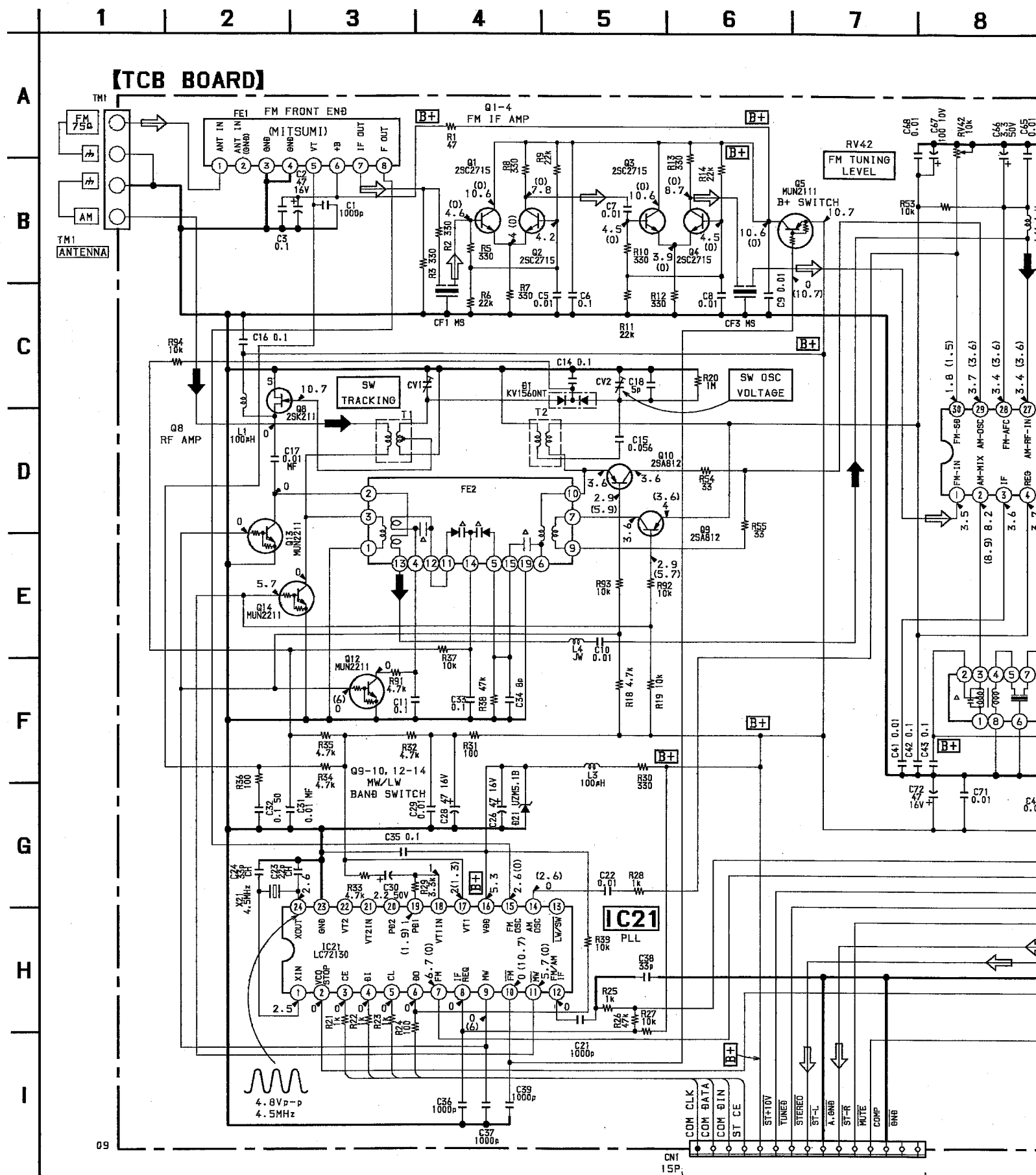


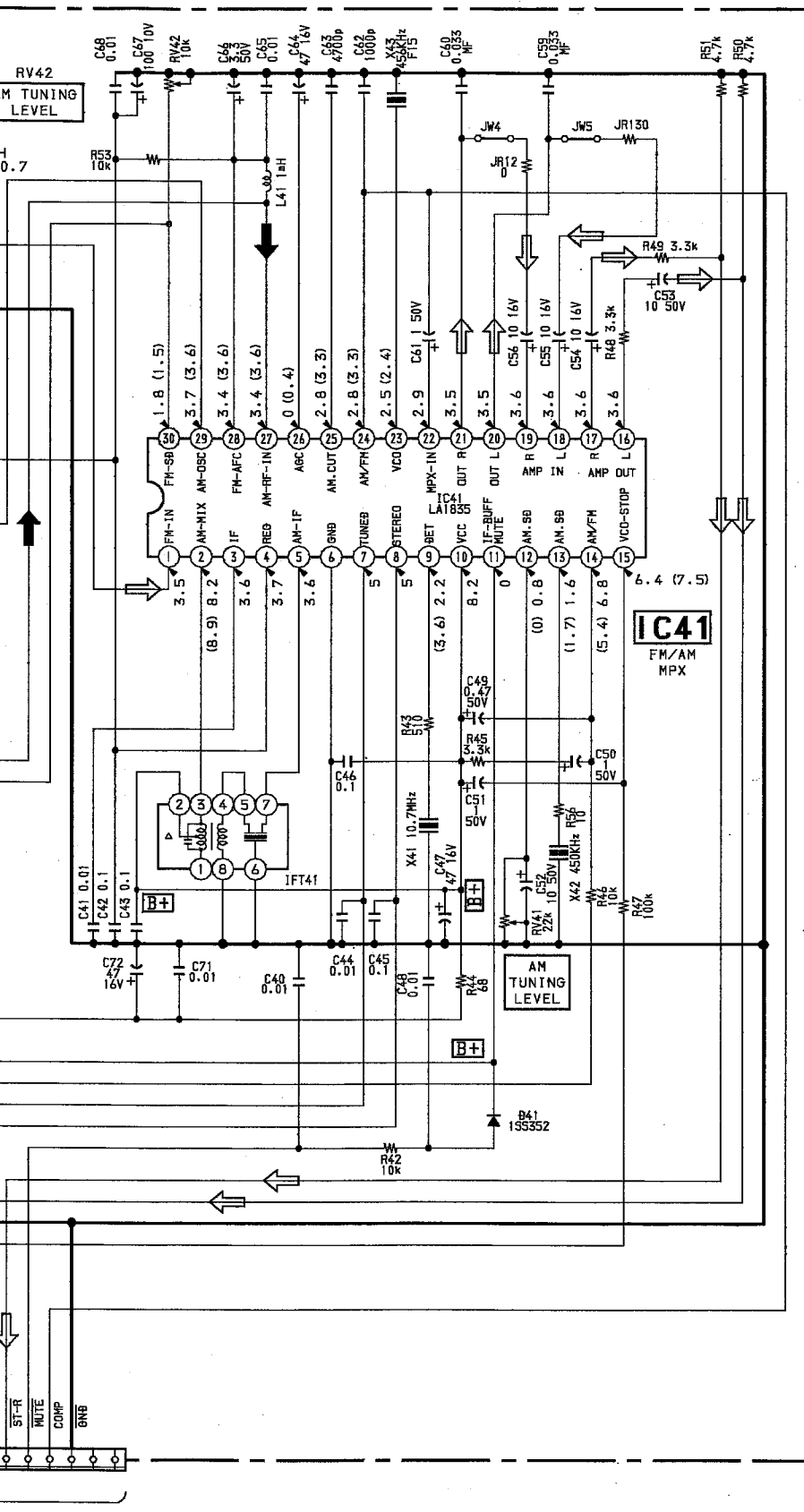
— 49 —

able seeing.



5-12. SCHEMATIC DIAGRAM — TUNER SECTION — (N355K : EA MODEL)





NOTE

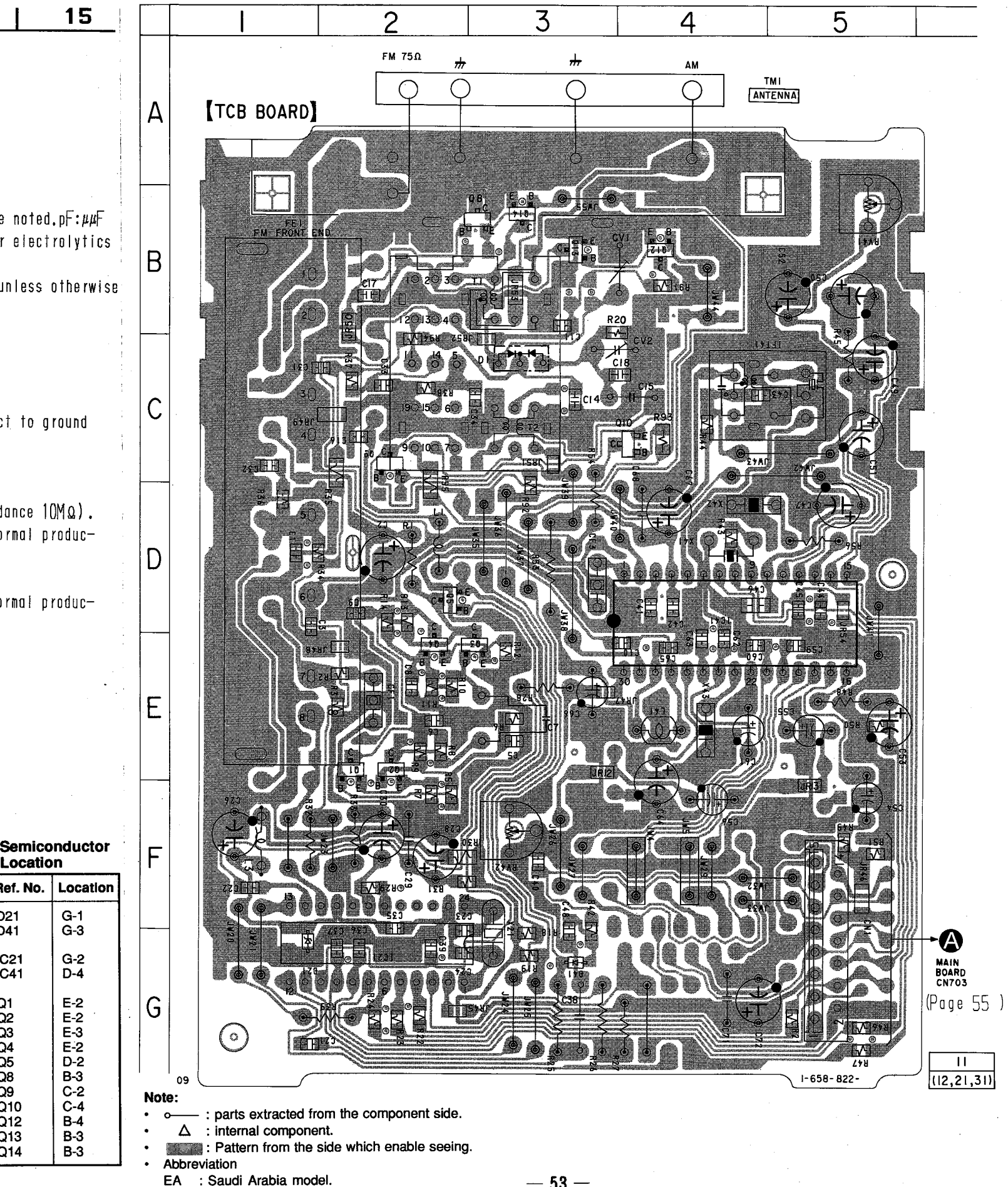
- All capacitors are in μF unless otherwise noted. $pF: \mu\mu F$
50W or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $1/4W$ or less unless otherwise specified.
- Δ : internal component.
- $\square$: panel designation.
- **B+** : B+ Line.
- $\square$: adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions:
no mark: FM
() : AM
- Voltages are taken with a VOM (Input impedance $10M\Omega$). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Abbreviation
EA : Saudi Arabia model.
- Signal path.
 $\Rightarrow$: FM
 $\Rightarrow$: AM

• Semiconductor Location

Ref. No.	Location
D21	G-1
D41	G-3
IC21	G-2
IC41	D-4
Q1	E-2
Q2	E-2
Q3	E-3
Q4	E-2
Q5	D-2
Q8	B-3
Q9	C-2
Q10	C-4
Q12	B-4
Q13	B-3
Q14	B-3

5-13. PRINTED WIRING BOARD — TUNER SECTION — (N355K : EA MODEL)

• See page 18 for Circuit Boards Location.



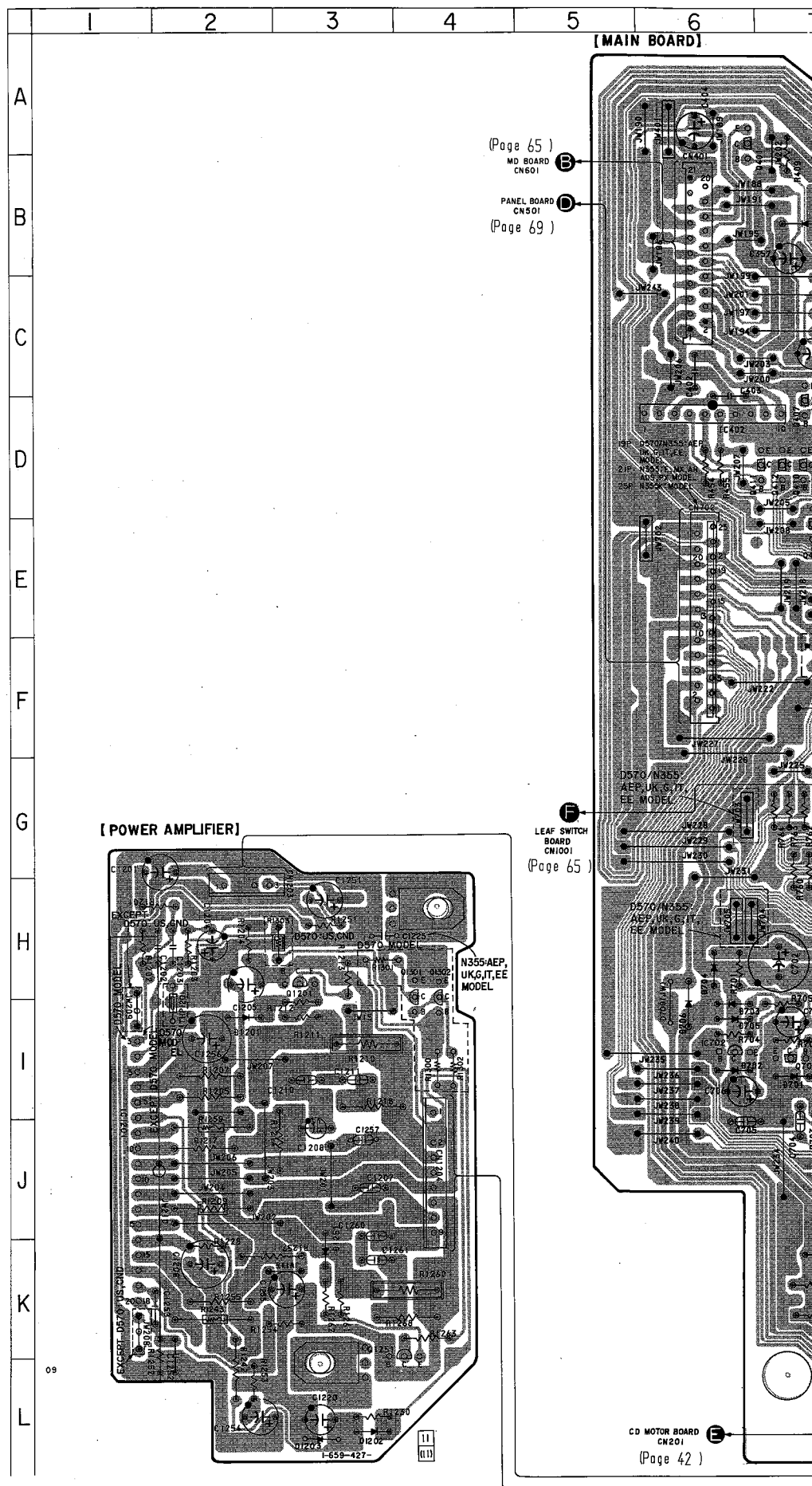
5-14. PRINTED WIRING BOARD — MAIN SECTION — • See page 18 for Circuit Boards Location.

• Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D201	K-11	IC801	A-18
D202	K-12	IC802	B-13
D401	E-7	IC901	D-11
D701	I-7	IC902	G-10
D702	I-6	IC1001	G-13
D703	I-6	IC1002	F-15
D704	H-6	IC1003	E-18
D705	I-6	IC1004	F-18
D706	I-6	IC1201	I-1
D707	L-10	IC1202	G-15
D708	F-9		
D721	F-10	Q301	E-8
D722	C-12	Q351	A-10
D1001	B-15	Q401	B-7
D1002	B-16	Q402	E-8
D1003	D-17	Q403	C-8
D1004	C-17	Q406	D-7
D1005	D-17	Q407	D-7
D1006	C-17	Q408	D-7
D1007	G-13	Q409	E-7
D1008	A-16	Q410	D-7
D1009	D-17	Q411	D-6
D1010	F-17	Q412	D-7
D1011	C-15	Q701	I-7
D1013	D-14	Q820	G-9
D1014	C-14	Q821	B-13
D1016	B-8	Q823	H-10
D1017	E-16	Q871	B-13
D1018	F-12	Q901	F-10
D1021	B-7	Q902	F-11
D1022	B-8	Q951	F-10
D1023	D-14	Q952	F-10
D1059	E-17	Q953	G-11
D1069	F-17	Q954	G-11
D1201	I-2	Q1001	F-13
D1202	L-3	Q1002	F-13
D1204	F-12	Q1003	A-16
D1205	H-14	Q1006	D-14
D1230	H-14	Q1201	H-3
D1250	C-16	Q1204	H-14
D1251	K-3	Q1205	H-14
D1309	C-16	Q1206	G-14
D1310	C-16	Q1207	G-16
D1371	J-18	Q1208	G-15
D1372	J-18	Q1251	K-3
		Q1301	H-4
IC401	C-8	Q1302	H-4
IC402	D-6	Q1311	L-14
IC701	I-8	Q1312	L-16
IC702	I-6		

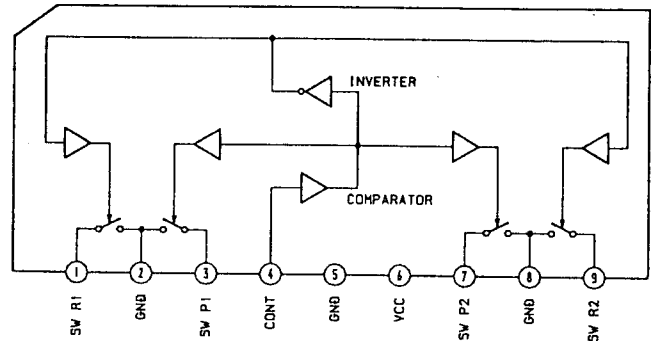
Note:

- : parts extracted from the component side.
- : parts extracted from the conductor side.
- : parts mounted on the conductor side.
- △ : internal component.
- ▨ : Pattern from the side which enable seeing.
- Abbreviation
 - G : German model.
 - IT : Italian model.
 - EE : East European model.
 - EA : Saudi Arabia model.
 - MX : Mexican model.
 - SP : Singapore model.
 - MY : Malaysia model.
 - AUS : Australian model.
 - AR : Argentine model.
 - TH : Thailand model.
 - IA : Indonesia model.

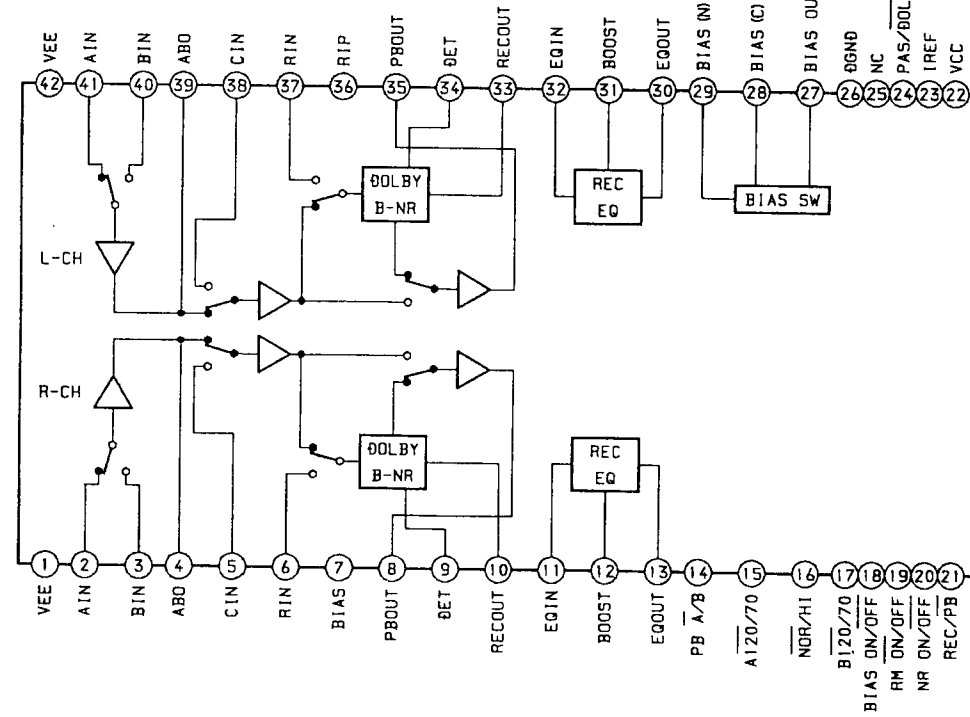


• IC Block Diagrams

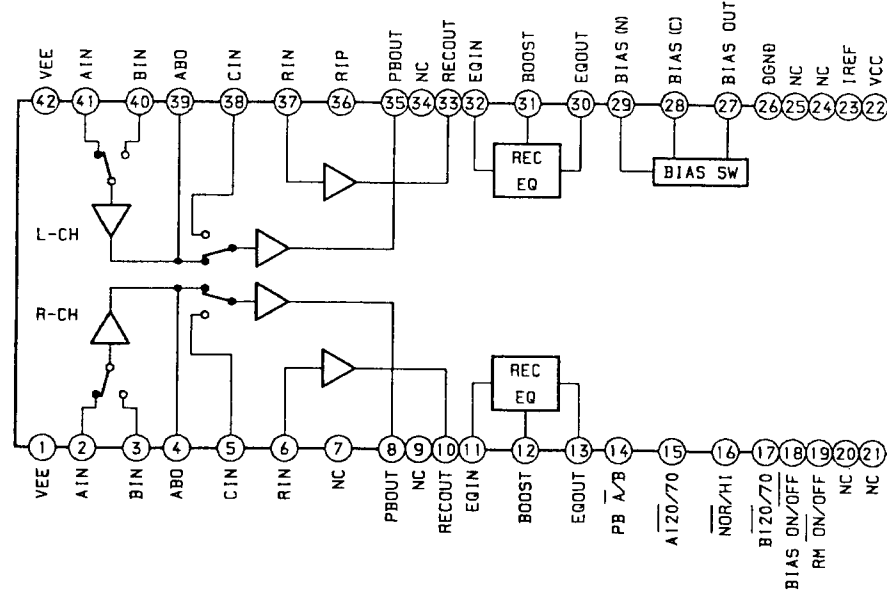
IC602 μ PC1330HA



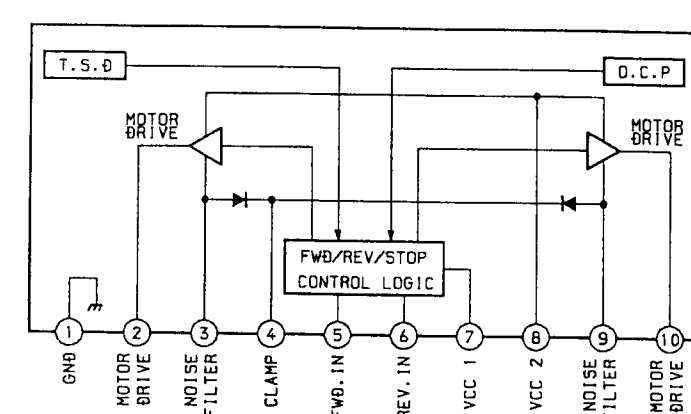
IC401 HA12195T



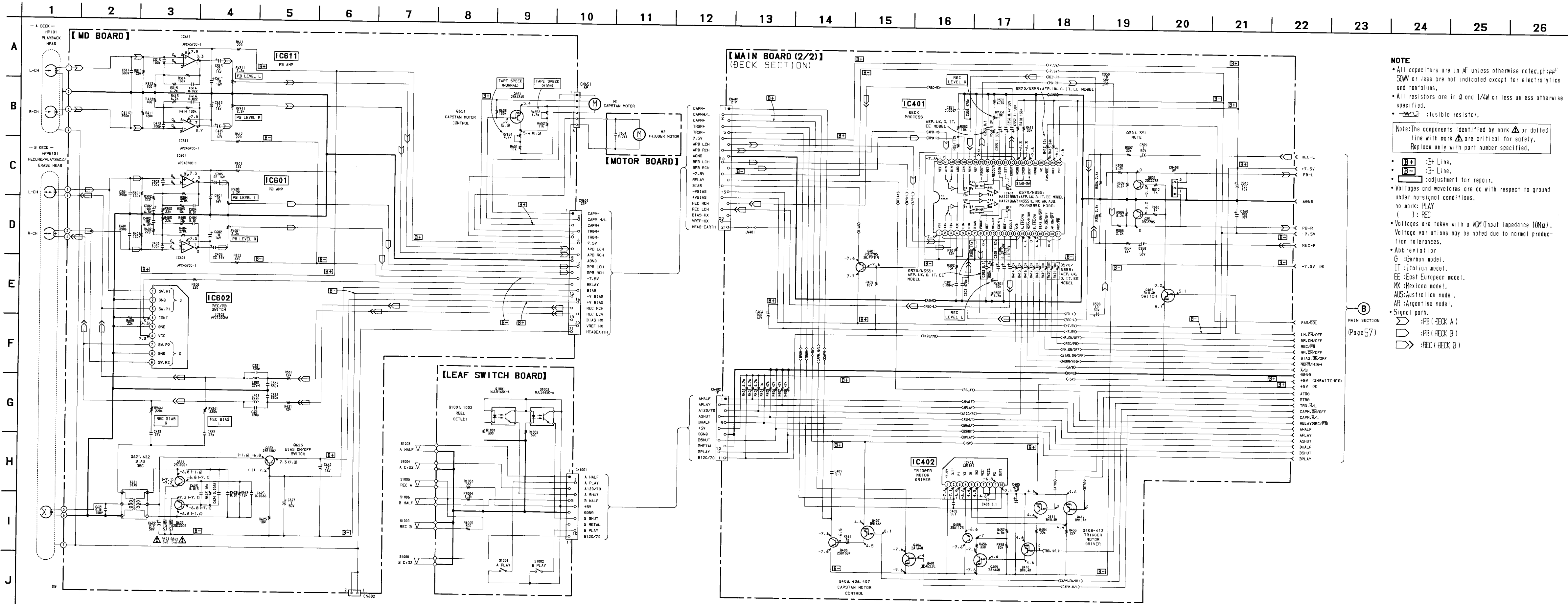
IC401 HA12196T



IC402 LB1641



5-16. SCHEMATIC DIAGRAM — DECK SECTION — • See page 54 for Printed wiring Board. (MAIN BOARD)



NOTE

- All capacitors are in μ F unless otherwise noted; pF: pF, 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- $\text{---}\square\text{---}$: fusible resistor.

Note: The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

• $\text{---}\square\text{---}$: B Line.
• $\text{---}\square\text{---}$: B Line.
• $\text{---}\square\text{---}$: adjustment for repair.
• Voltages and waveforms are dc with respect to ground under no-signal conditions.
no mark: PLAY
(1 : REC
• Voltages are taken with a VOM (input impedance 10M Ω). Voltage variations may be noted due to normal production tolerances.
• Abbreviation
G : German model.
IT : Italian model.
EE : East European model.
MX : Mexican model.
AU : Australian model.
AR : Argentine model.
• Signal path.
 $\text{---}\square\text{---}$: PB (DECK A)
 $\text{---}\square\text{---}$: PB (DECK B)
 $\text{---}\square\text{---}$: REC (DECK B)

• See page 18 for Circuit Boards Location.

• See page 18 for Circuit Boards Location.

- — : parts extracted from the component
- : Pattern from the side which enables



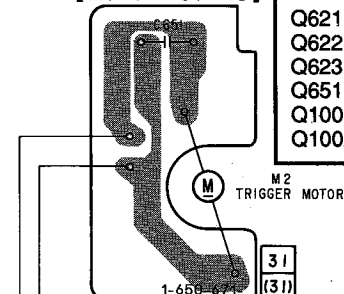
parts extracted from the component side.
Pattern from the side which enable seeing.

8 9

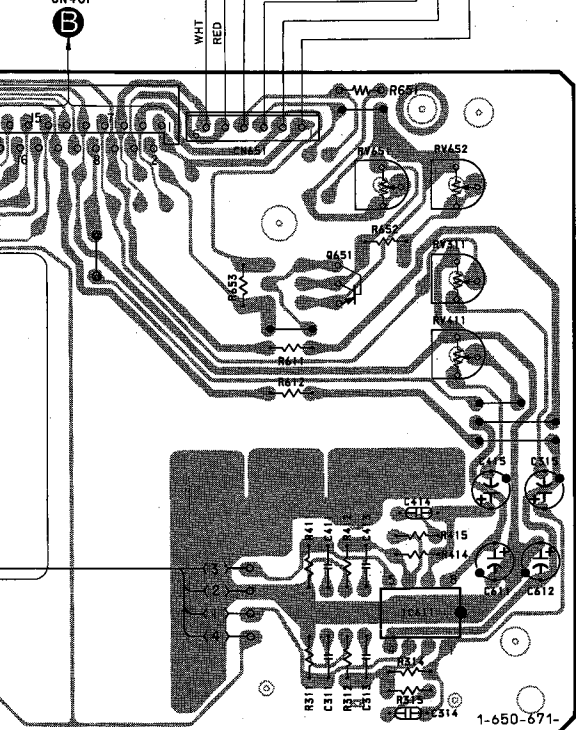
• Semiconductor Location

Ref. No.	Location
IC601	H-3
IC602	G-4
IC611	H-9
Q621	H-6
Q622	H-6
Q623	H-5
Q651	F-9
Q1001	B-2
Q1002	B-6

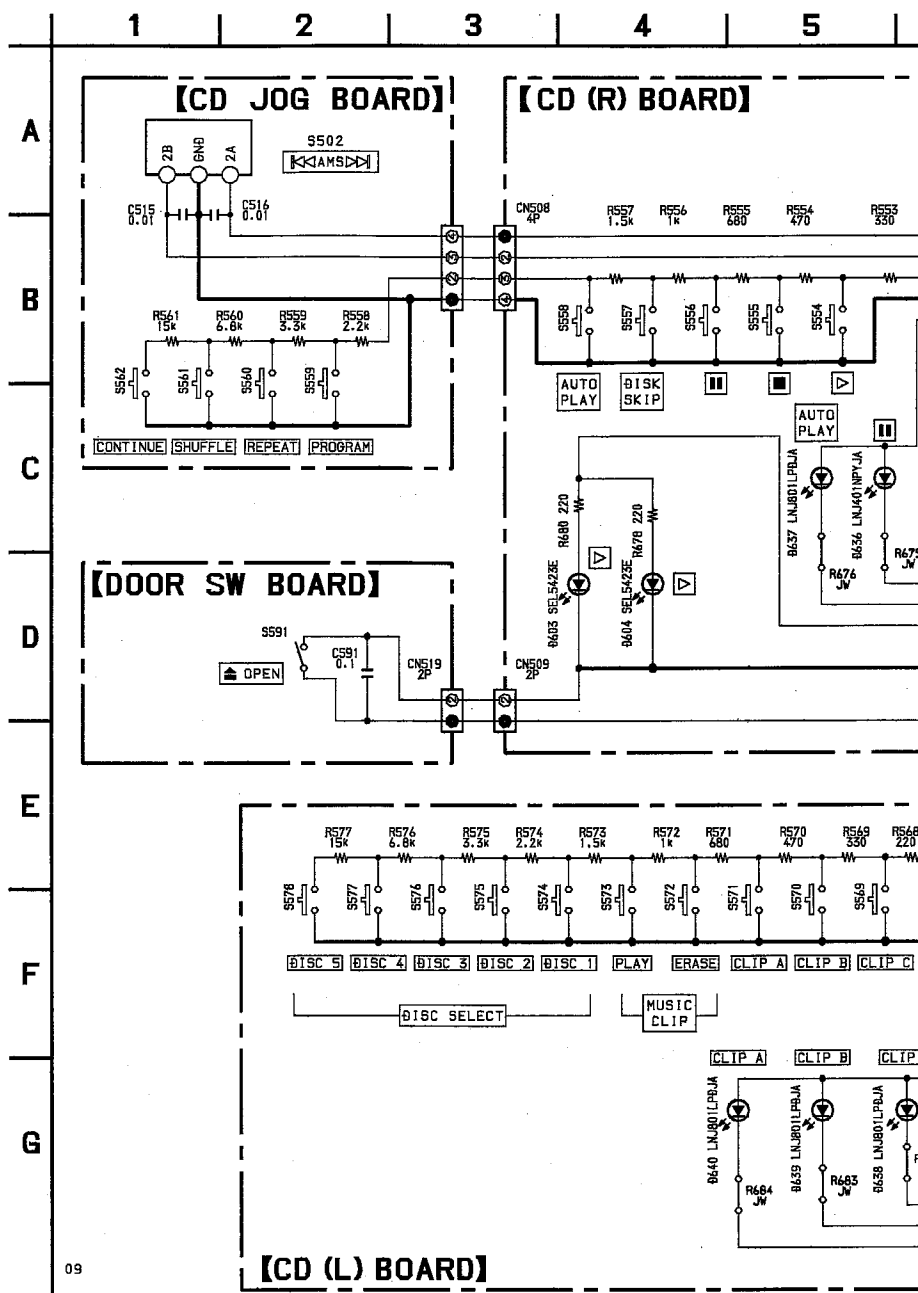
【MOTOR BOARD】



(Page 54)
MAIN BOARD
CN401



5-18. SCHEMATIC DIAGRAM — CD PANEL SECTION —



NOTE

- All capacitors are in μF unless otherwise noted. $\text{pF}:\mu\text{F}$ 50W or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $1/4\text{W}$ or less unless otherwise specified.
- : panel designation.
- JW : Jumper Wire

3	4	5	6	7	8	9	10	
---	---	---	---	---	---	---	----	--

PANEL BOARD
CN504
(Page 70)

(Page 71)
 PANEL BOARD
 CN505

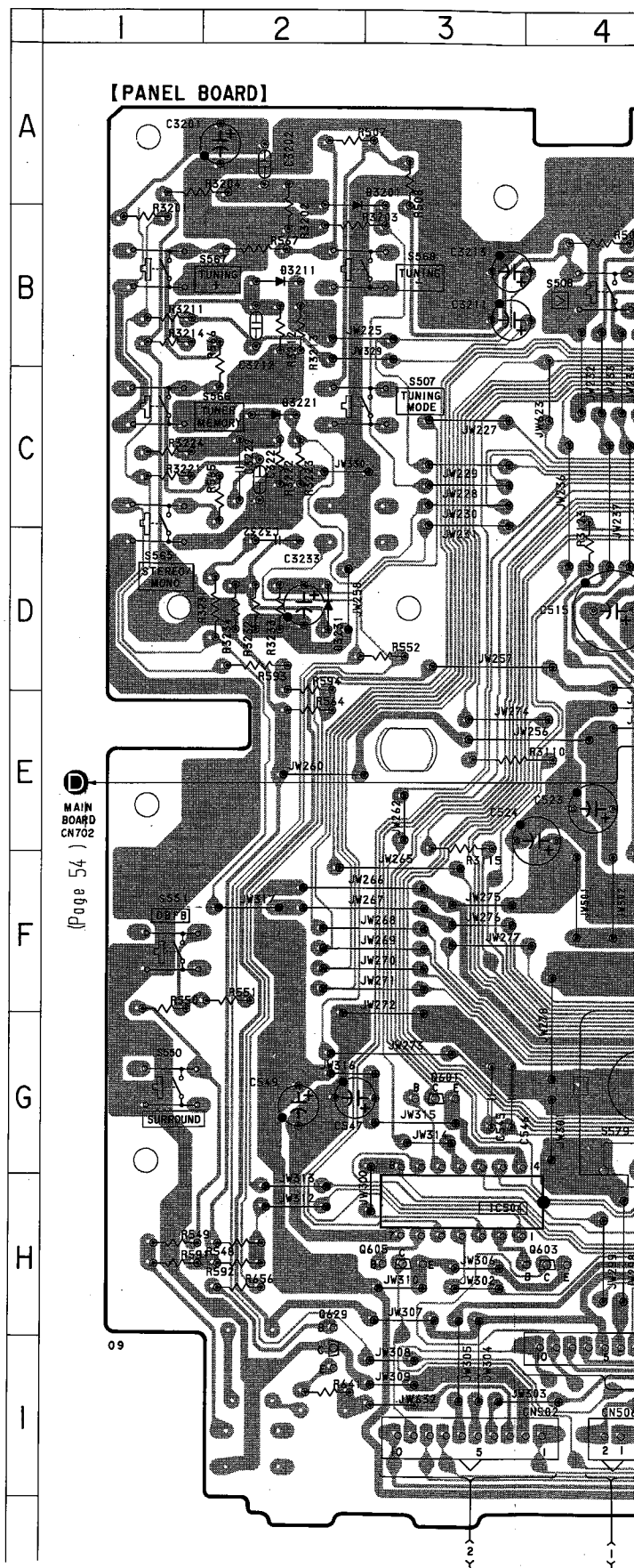
ed from the component side.
the side which enable seeing.

• Semiconductor
Location

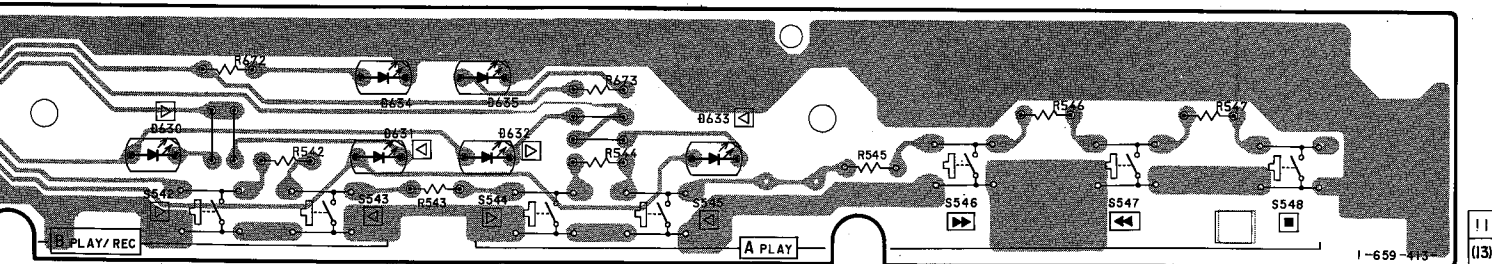
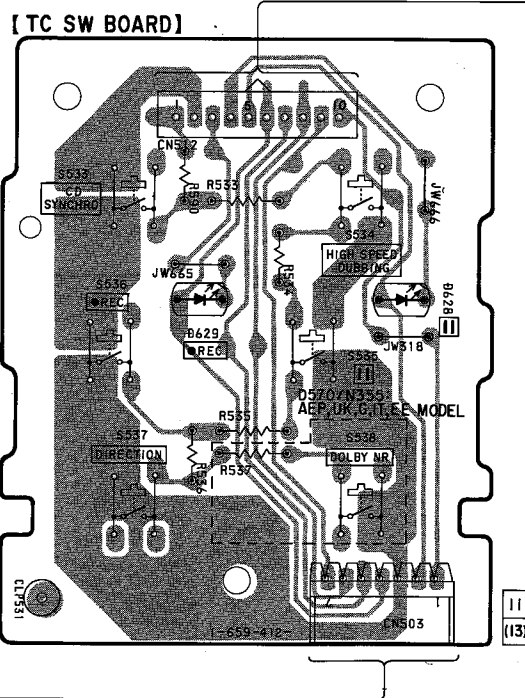
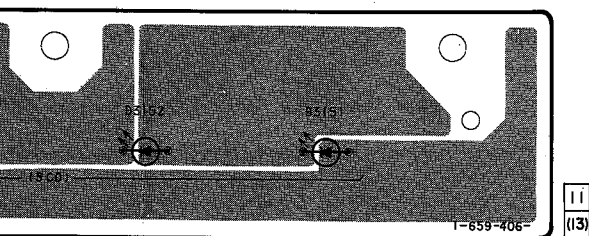
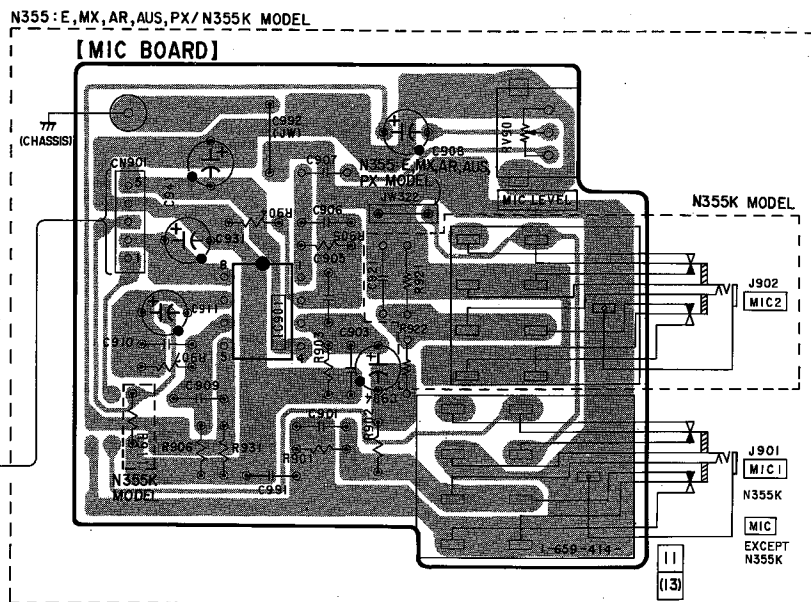
Ref. No.	Location
D503	F-5
D511	H-10
D512	H-10
D601	D-9
D602	D-9
D611	G-14
D612	G-12
D613	G-11
D614	G-10
D615	G-9
D616	G-8
D617	G-7
D618	G-7
D619	D-5
D620	F-7
D621	H-13
D622	H-12
D628	F-25
D629	F-24
D630	I-20
D631	I-21
D632	I-22
D633	I-23
D634	I-21
D635	I-22
D861	A-16
D862	A-15
D3026	C-7
D3027	C-7
D3028	C-7
D3029	C-7
D3151	G-21
D3152	G-20
D3153	G-19
D3154	G-18
D3201	A-3
D3211	B-2
D3221	C-2
D3231	D-2
IC501	C-10
IC502	B-14
IC503	I-10
IC504	H-3
IC806	E-13
IC808	D-16
IC861	B-15
IC901	B-23
Q601	G-3
Q603	H-4
Q605	H-3
Q611	G-6
Q612	G-6
Q621	H-14
Q622	G-11
Q623	H-8
Q624	H-7
Q625	B-5
Q626	I-13
Q629	H-2
Q630	I-6
Q631	I-6
Q632	F-14
Q633	F-14
Q634	F-14
Q635	I-12
Q636	B-6
Q3141	E-16
Q3151	I-5
Q3152	I-4

Note:

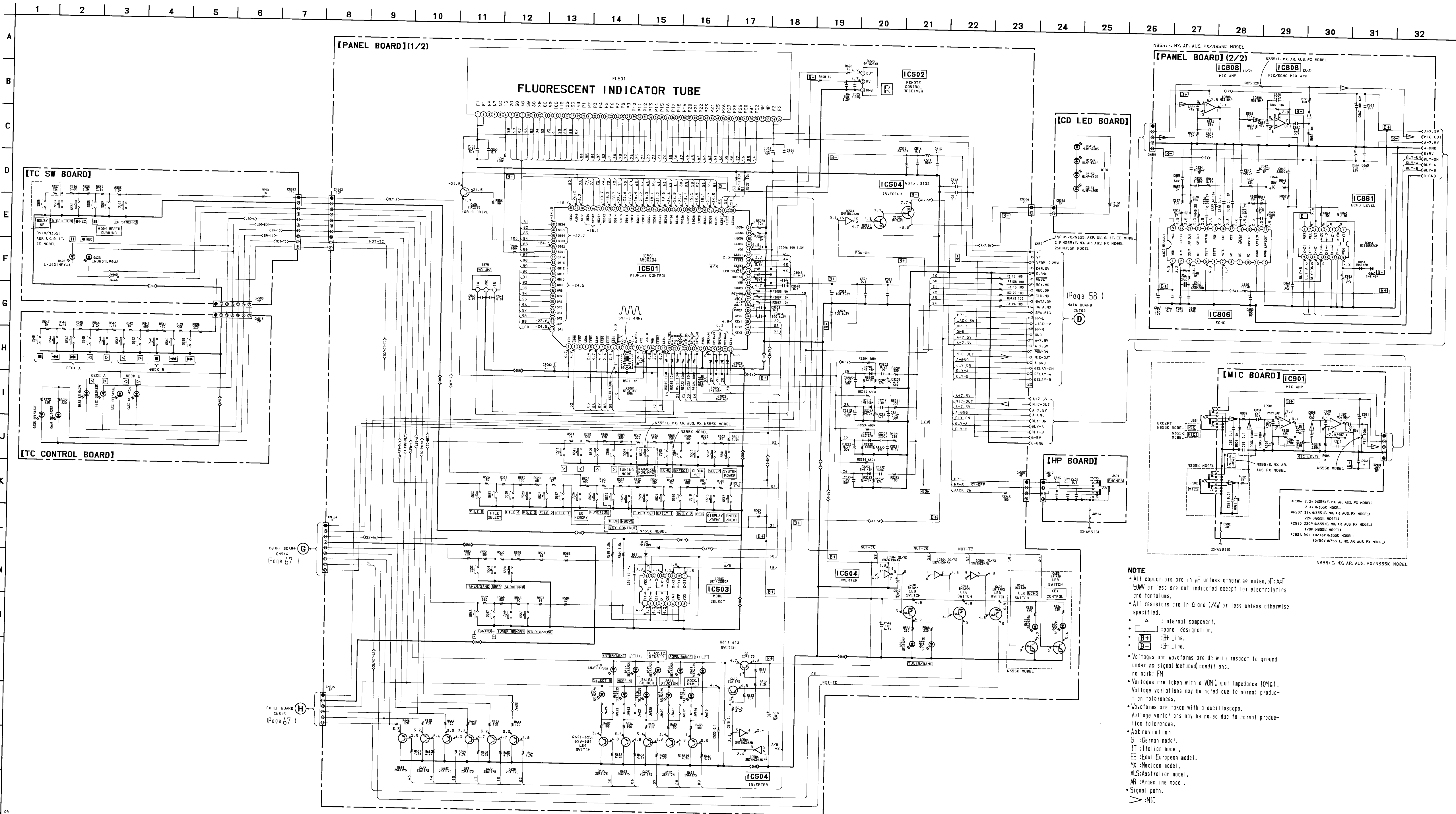
- ○ — : parts extracted from the component side.
- — : parts extracted from the conductor side.
- △ : internal component.
- ■ : Pattern from the side which enable seeing.
- Abbreviation
 - G : German model.
 - IT : Italian model.
 - EE : East European model.
 - EA : Saudi Arabia model.
 - MX : Mexican model.
 - SP : Singapore model.
 - MY : Malaysia model.
 - AUS : Australian model.
 - AR : Argentine model.
 - TH : Thailand model.
 - IA : Indonesian model.



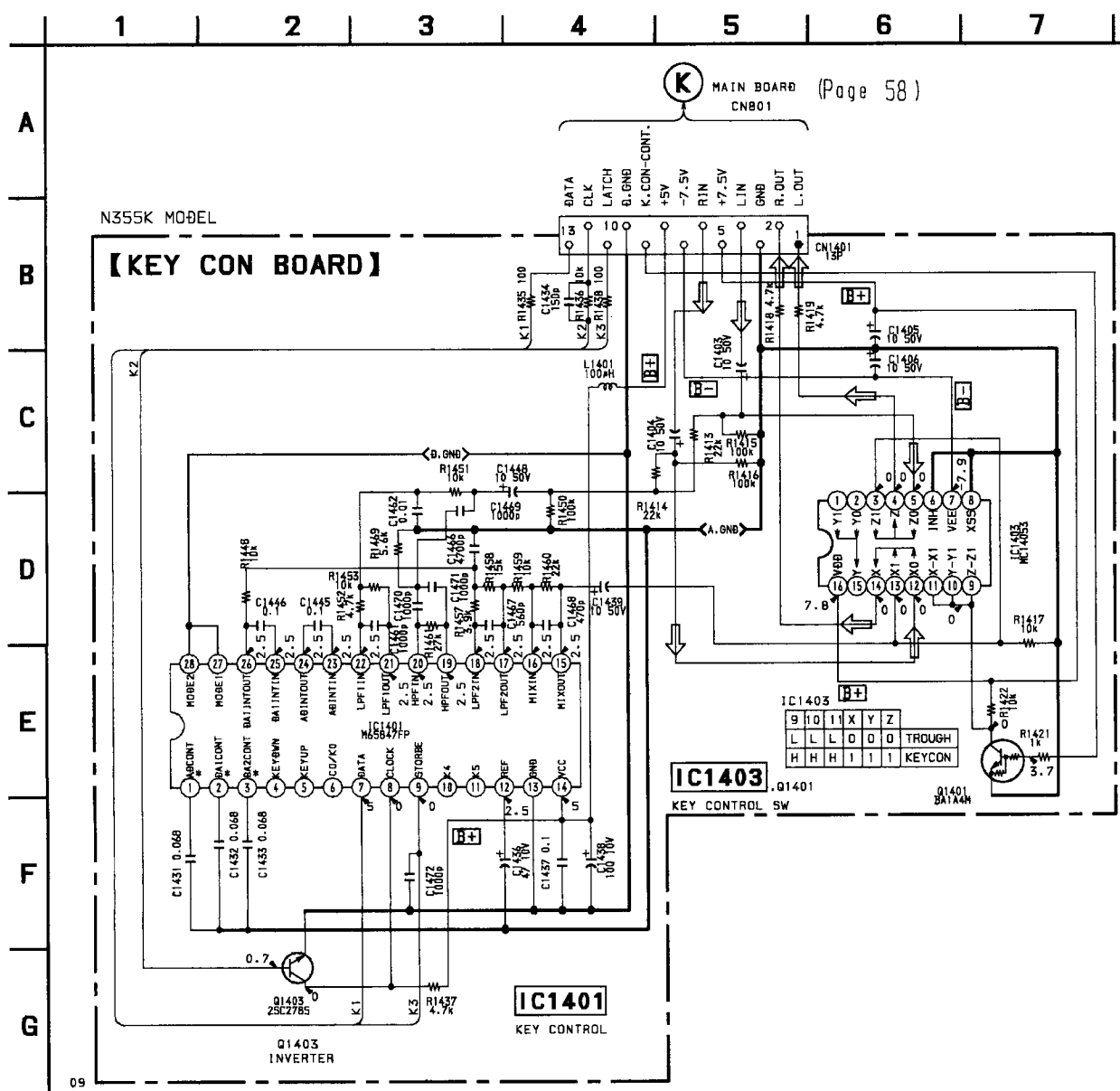




5-21. SCHEMATIC DIAGRAM — PANEL SECTION —
• See page 19 for IC Pin Function. (IC501)

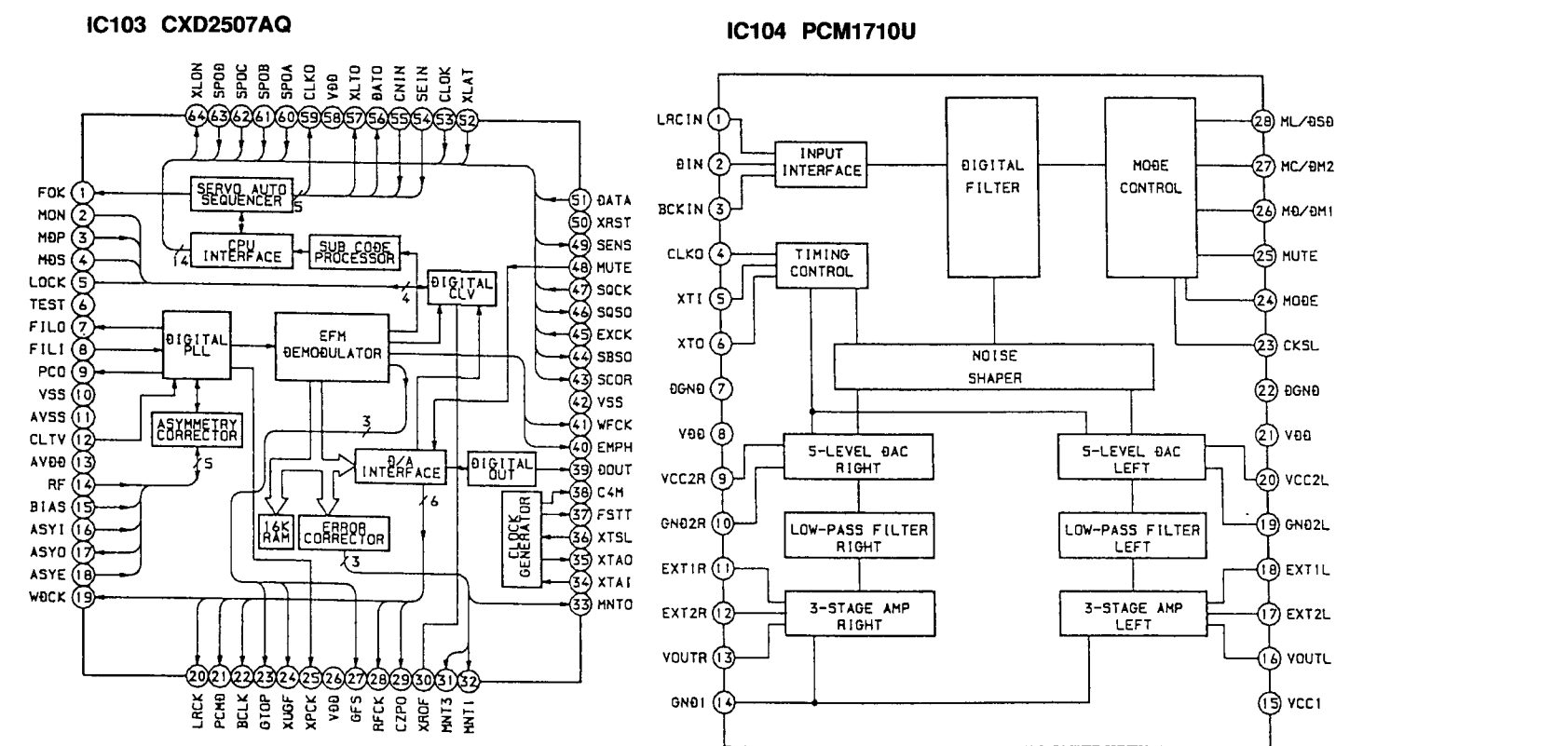
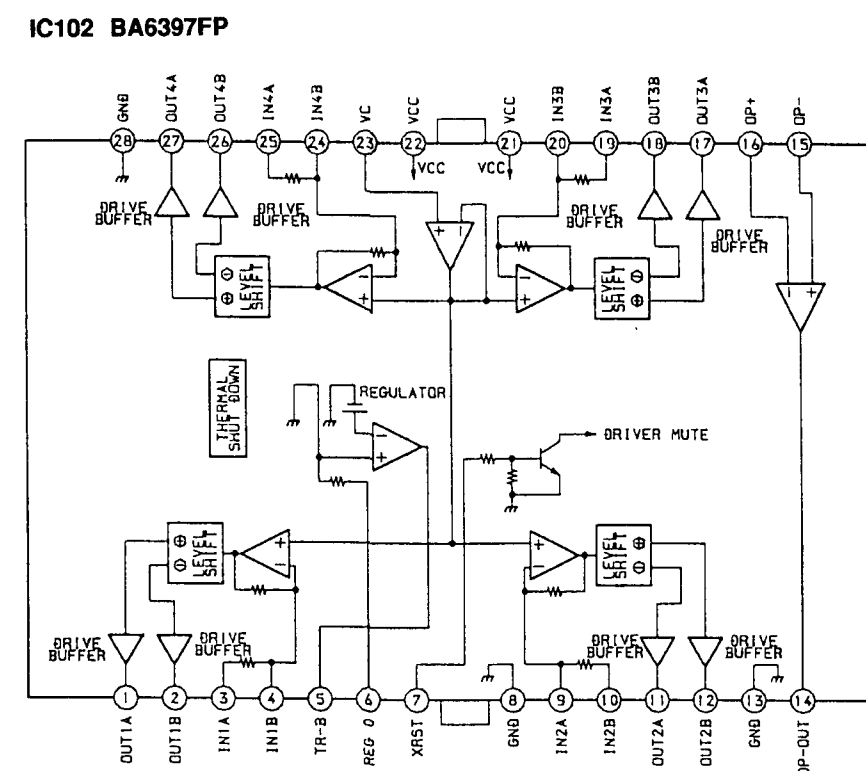
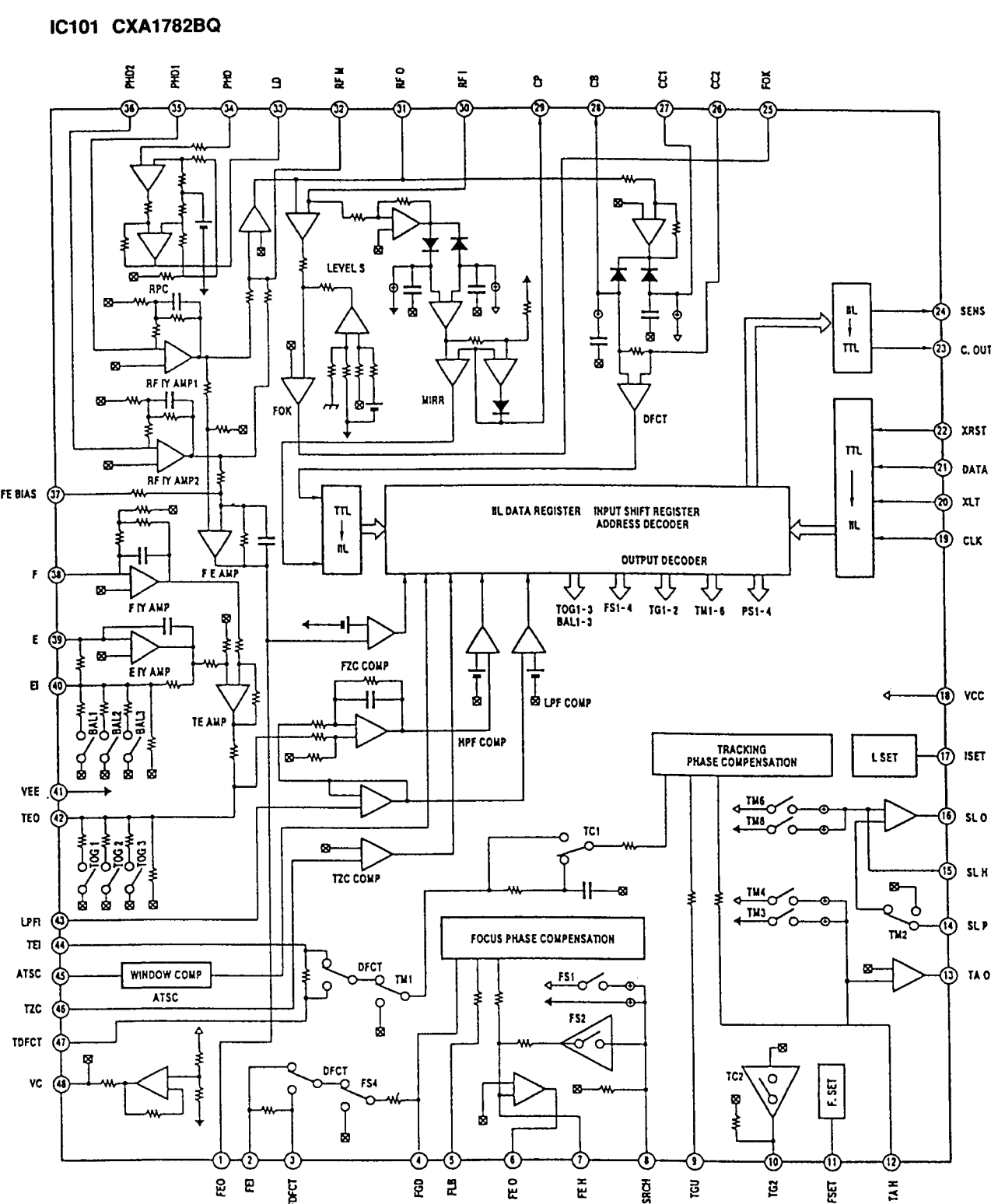


5-24. IC BLOCK DIAGRAMS — CD SECTION —



NOTE

- All capacitors are in μF unless otherwise noted, $\text{pF} = 10^{-6}\text{F}$
50W or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $1/4\text{W}$ or less unless otherwise specified.
-  :B+ Line.
-  :B- Line.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
no mark:FM
* :can not be measured.
- Voltages are taken with a $10\text{M}\Omega$ (input impedance $10\text{M}\Omega$).
Voltage variations may be noted due to normal production tolerances.
- Signal path.
 :FM



SECTION 6 EXPLODED VIEWS

NOTE:

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.

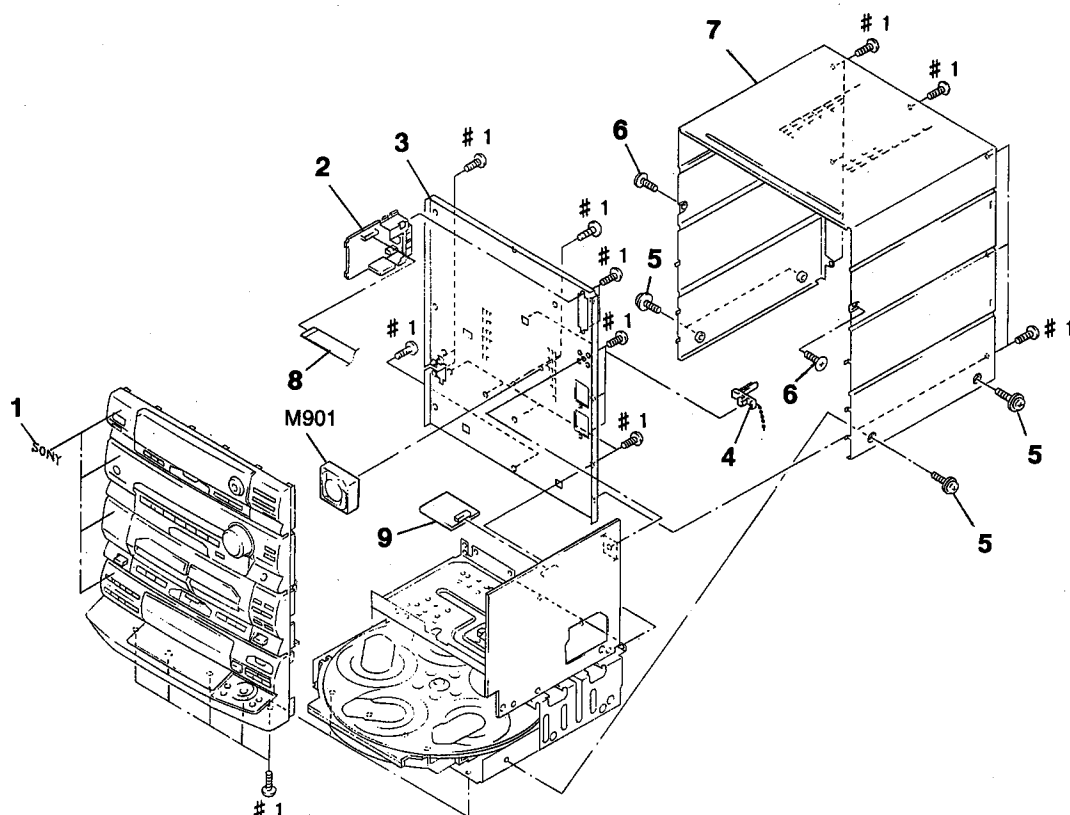
• Abbreviation

CND : Canadian model
G : German model
IT : Italian model
EE : East European model
EA : Saudi Arabia model
MX : Mexican model
SP : Singapore model
MY : Malaysia model
AUS : Australian model
AR : Argentine model
TH : Thailand model
IA : Indonesian model

The components identified by mark Δ or dotted line with mark Δ are critical for safety.
Replace only with part number specified.

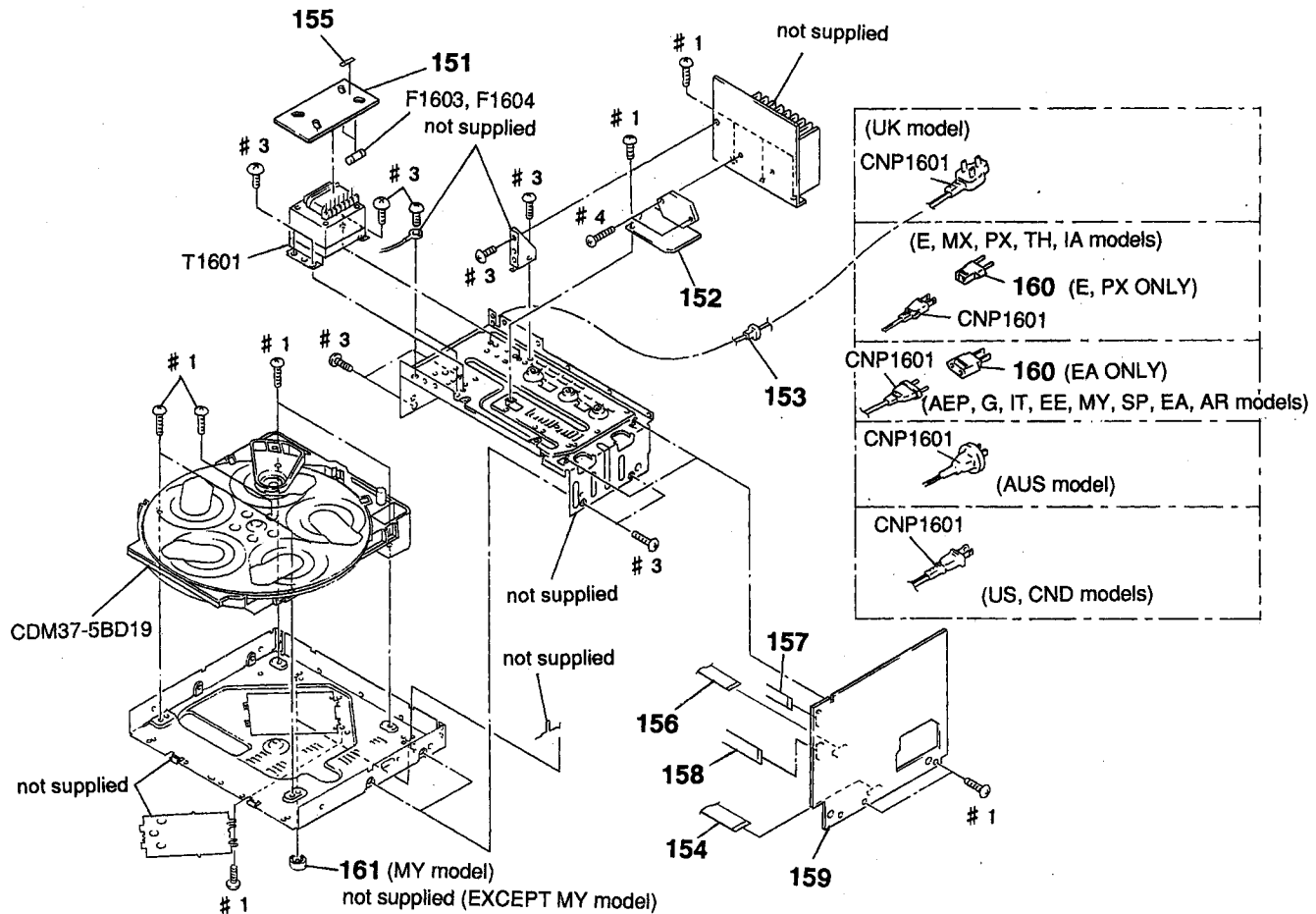
Les composants identifiés par une marque Δ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

6-1. CASE AND BACK PANEL SECTION



Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
1	4-963-404-21	EMBLEM (5-A), SONY		* 3	4-978-190-21	PANEL, BACK (N355:AUS)	
* 2	A-4303-502-A	TCB BOARD, COMPLETE (N355:AEP, UK)		* 3	4-978-190-31	PANEL, BACK (N355:PX)	
* 2	A-4303-503-A	TCB BOARD, COMPLETE (N355:IT, G)		* 3	4-978-190-41	PANEL, BACK (N355:MX)	
* 2	A-4303-504-A	TCB BOARD, COMPLETE (N355:EE)		* 3	4-978-190-51	PANEL, BACK (N355K:E, IA)	
* 2	A-4303-507-A	TCB BOARD, COMPLETE (N355K:EA)		* 3	4-978-190-61	PANEL, BACK (N355K:EA)	
* 2	A-4303-510-A	TCB BOARD, COMPLETE (D570)		* 3	4-978-190-71	PANEL, BACK (N355K:SP2)	
* 2	A-4303-513-A	TCB BOARD, COMPLETE (N355:E, AUS, PX, MX, AR/N355K:E, SP, IA)		* 3	4-978-190-81	PANEL, BACK (N355K:SP4)	
* 2	A-4303-525-A	TCB BOARD, COMPLETE (N355K:MY)		* 3	4-978-190-91	PANEL, BACK (N355K:MY, TH)	
* 2	A-4303-555-A	TCB BOARD, COMPLETE (N355K:TH)		4	4-956-370-12	BAND, PLUG FIXED (N355:AUS, UK)	
* 3	4-978-189-01	PANEL, BACK (N355:AEP)		5	4-929-973-01	SCREW (CASE, 3 POINT)	
* 3	4-978-189-11	PANEL, BACK (N355:G)		6	3-363-099-01	SCREW (CASE 3 TP2)	
* 3	4-978-189-21	PANEL, BACK (N355:IT)		* 7	4-978-177-11	CASE	
* 3	4-978-189-31	PANEL, BACK (N355:UK)		8	1-751-086-11	WIRE (FLAT TYPE) (13 CORE) (EXCEPT N355:AEP, UK, G, IT, EE)	
* 3	4-978-189-51	PANEL, BACK (N355:EE)		8	1-773-012-11	WIRE (FLAT TYPE) (15 CORE) (N355:AEP, UK, G, IT, EE)	
* 3	4-978-189-61	PANEL, BACK (D570:US)		* 9	A-4389-020-A	KEYCON BOARD, COMPLETE (N355K)	
* 3	4-978-189-71	PANEL, BACK (D570:CND)		M901	1-698-659-11	FAN, DC (D570)	
* 3	4-978-190-01	PANEL, BACK (N355:E)					
* 3	4-978-190-11	PANEL, BACK (N355:AR)					

6-4. CHASSIS SECTION

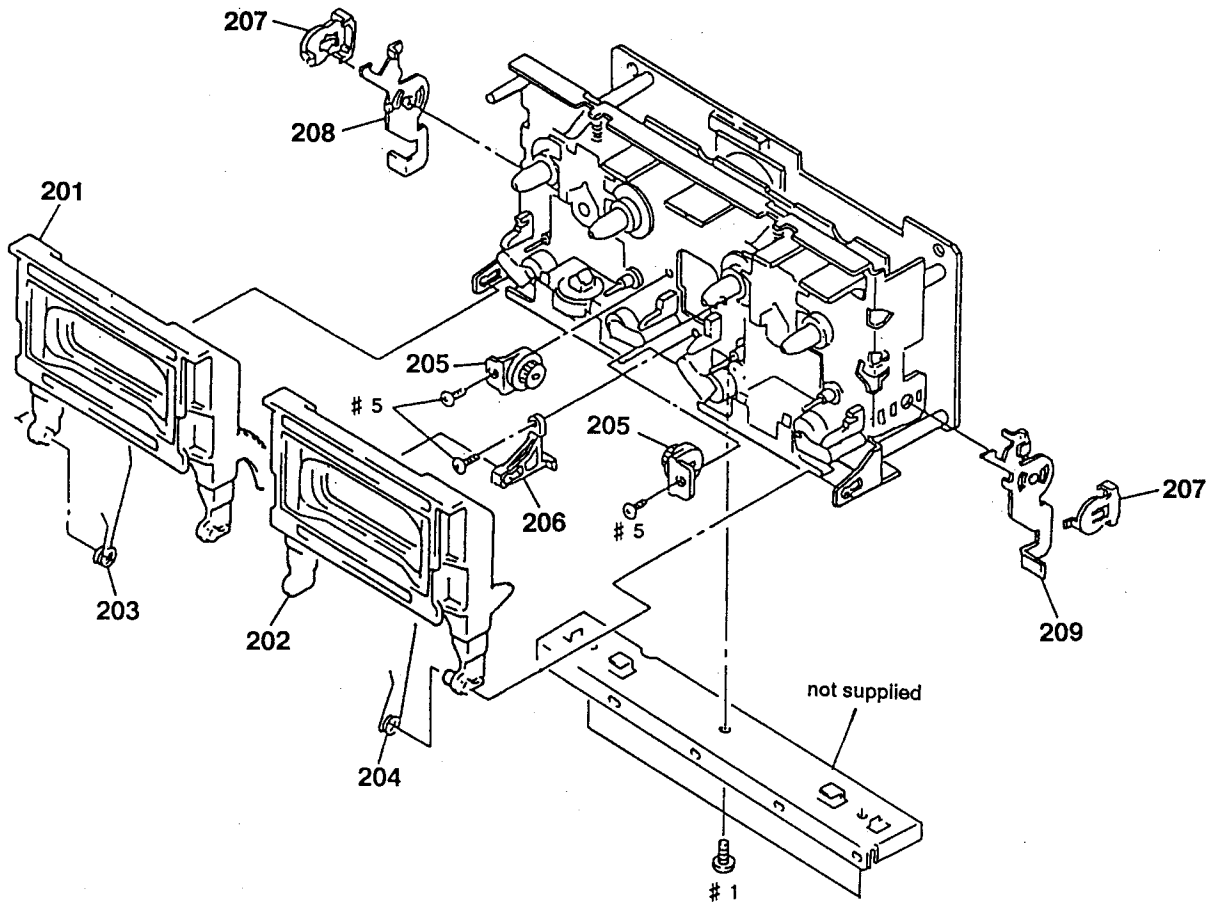


The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

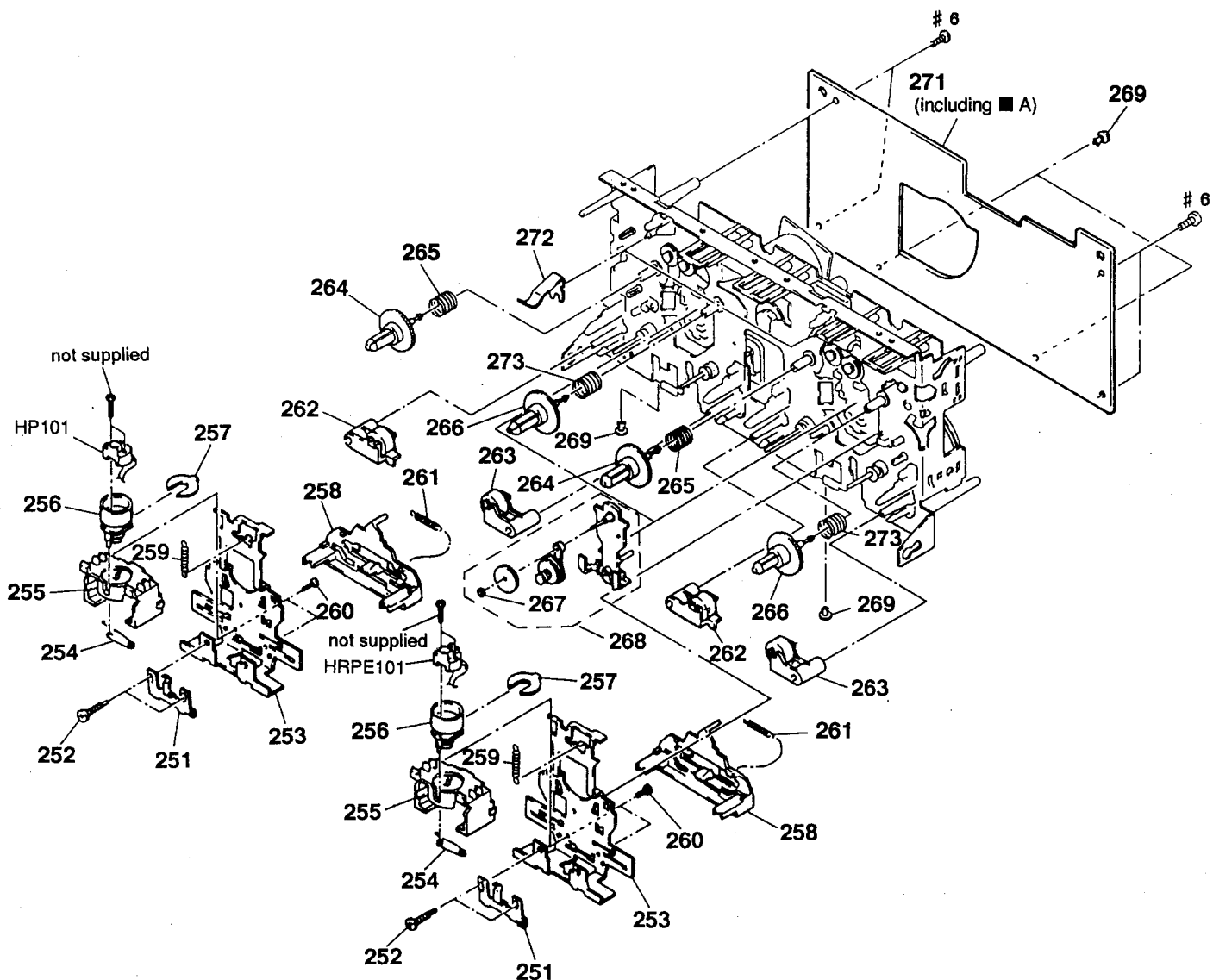
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
* 151	1-659-218-11	TRANS BOARD		* 159	A-4389-666-A	MAIN BOARD, COMPLETE (D570)	
* 152	A-4378-988-A	POWER AMP BOARD, COMPLETE (N355:AEP, UK, G, IT, EE)		* 159	A-4390-150-A	MAIN BOARD, COMPLETE (N355K:MY)	
* 152	A-4378-998-A	POWER AMP BOARD, COMPLETE (N355:E, MX, AR, AUS, PX/N355K:E, EA, SP, IA)		* 159	A-4390-158-A	MAIN BOARD, COMPLETE (N355K:EA)	
* 152	A-4389-671-A	POWER AMP BOARD, COMPLETE (D570:US, CND)		* 159	A-4390-207-A	MAIN BOARD, COMPLETE (N355K:TH)	
* 152	A-4390-149-A	POWER AMP BOARD, COMPLETE (N355K:MY)		Δ 160	1-569-007-11	ADAPTER, CONVERSION 2P (N355:PX/N355K:E)	
* 152	A-4390-206-A	POWER AMP BOARD, COMPLETE (N355K:TH)		Δ 160	1-569-008-21	ADAPTER, CONVERSION 2P (N355K:EA)	
* 153	3-703-244-00	BUSHING (2104), CORD (D570/N355:AEP, UK, G, IT, EE, AR, AUS/N355K:EA, MY, SP)		Δ CNP16011-555-750-00		CORD, POWER (N355:AR/N355K:EA)	
* 153	4-966-266-01	BUSHING (S) (FBS002), CORD (N355:E, MX, PX/N355K:E, TH, IA)		Δ CNP16011-558-943-51		CORD, POWER (N355:E, MX, PX/N355K:E, IA)	
154	1-776-238-11	WIRE (FLAT TYPE) (19 CORE)		Δ CNP16011-575-042-21		CORD, POWER (D570)	
* 155	3-701-946-27	LABEL, FUSE RATING (D570)		Δ CNP16011-575-651-21		CORD, POWER (N355:AEP, G, IT, EE/N355K:MY, SP)	
156	1-590-218-11	WIRE (FLAT TYPE) (11 CORE)		Δ CNP16011-696-966-11		CORD, POWER (N355:AUS)	
157	1-765-338-11	WIRE (FLAT TYPE) (21 CORE)		Δ CNP16011-751-326-11		CORD, POWER (N355K:TH)	
158	1-773-119-11	WIRE (FLAT TYPE) (19 CORE) (D570/N355:AEP, UK, G, IT, EE)		Δ CNP16011-751-529-11		CORD, POWER (N355:UK)	
158	1-773-154-11	WIRE (FLAT TYPE) (21 CORE) (N355:E, MX, AR, AUS, PX)		Δ F1603	1-532-350-00	FUSE, TIME LAG (T4A/250V) (N355:E, MX, AR, PX/N355K:E, EA, SP, IA)	
158	1-773-220-11	WIRE (FLAT TYPE) (25 CORE) (N355K)		Δ F1603	1-533-420-11	FUSE, GLASS CYLINDRICAL (DIA. 5) (5A/125V) (D570)	
* 159	A-4378-981-A	MAIN BOARD, COMPLETE (N355:AEP, UK, G, IT, EE)		Δ F1604	1-532-259-00	FUSE, TIME LAG (T1.6A/250V) (N355:AEP, UK, G, IT, EE, E, AR, AUS, PX/N355K)	
* 159	A-4378-993-A	MAIN BOARD, COMPLETE (N355:E, MX, AR, AUS, PX)		Δ T1601	1-429-335-11	TRANSFORMER, POWER (N355:AEP, UK, G, IT, EE)	
* 159	A-4389-002-A	MAIN BOARD, COMPLETE (N355K:E, SP, IA)		Δ T1601	1-429-336-11	TRANSFORMER, POWER (N355:E, MX, AR, AUS, PX/N355K)	
				Δ T1601	1-429-337-11	TRANSFORMER, POWER (D570)	

6-5. TC MECHANISM SECTION 1
(TCM-220WR2E)



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
* 201	A-4384-062-A	HOLDER (L) ASSY, CASSETTE (N355K:TH)		203	4-959-231-11	SPRING (L), TORSION	
201	X-4943-776-1	HOLDER (L) ASSY, CASSETTE (D570/N355/N355K:E, EA, SP)		204	4-959-232-11	SPRING (R), TORSION	
201	X-4945-690-1	HOLDER (L) ASSY, CASSETTE (N355K:MY)		205	3-354-963-01	DAMPER	
* 202	A-4384-063-A	HOLDER (R) ASSY, CASSETTE (N355K:TH)		* 206	3-908-611-01	FULCRUM, HOLDER	
202	X-4943-775-1	HOLDER (R) ASSY, CASSETTE (D570/N355/N355K:E, EA, SP)		207	3-354-957-01	JOINT (LOCK LEVER)	
202	X-4945-691-1	HOLDER (R) ASSY, CASSETTE (N355K:MY)		* 208	3-354-953-01	LEVER (LOCK LEVER L)	
				* 209	3-354-954-01	LEVER (LOCK LEVER R)	

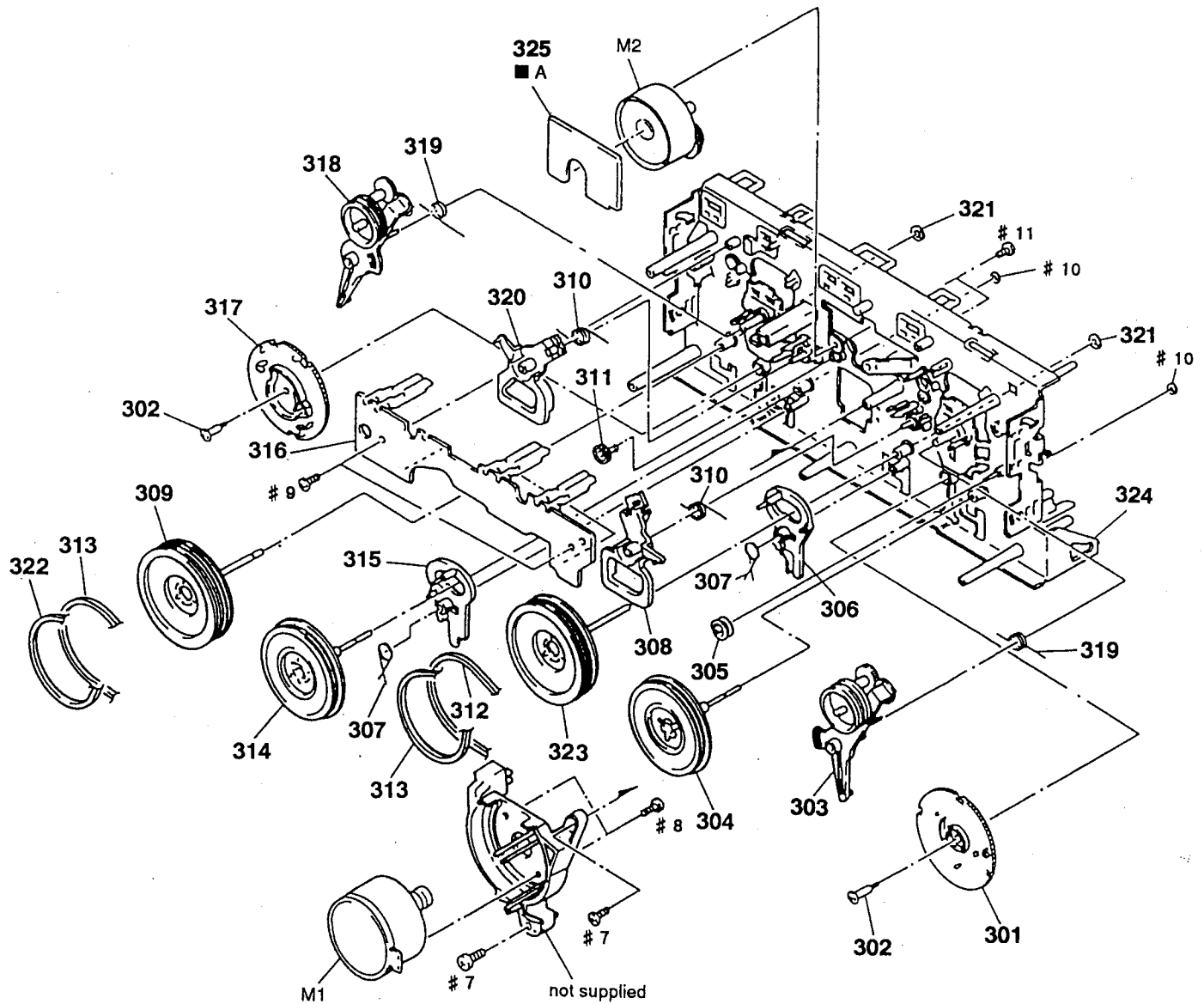
**6-6. TC MECHANISM SECTION 2
(TCM-220WR2E)**



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
251	3-908-560-01	SPRING, AZIMUTH ADJUSTMENT		263	X-3367-588-1	PINCH LEVER (FWD) ASSY	
252	3-919-684-01	SCREW, AZIMUTH ADJUSTMENT		264	3-908-613-01	GEAR (S), REEL	
* 253	X-3367-584-2	SLIDER (HEAD) ASSY		265	3-917-141-01	SPRING, COMPRESSION	
254	3-908-556-01	SPRING, HEAD TOGGLE		266	X-3371-305-1	REEL (T) ASSY	
255	3-908-558-02	FITTING BLOCK, HEAD		267	3-669-465-01	WASHER (1.5), STOPPER	
256	3-908-557-02	ROTARY BLOCK, HEAD		268	X-3370-173-1	TU ASSY	
* 257	3-908-559-01	STOPPER, AZIMUTH		269	3-911-116-21	RIVET, PUSH	
258	3-908-555-01	SLIDER (REV SLIDER)		* 271	A-2007-435-A	MD BOARD, COMPLETE	
259	3-917-143-11	SPRING, TENSION		272	3-930-972-01	DETENT, HALF	
260	3-388-848-01	SCREW (P2X6) (B TIGHT)		273	3-917-142-01	SPRING, COMPRESSION	
261	3-911-113-01	SPRING, TENSION		HP101	1-500-093-11	HEAD, MAGNETIC (PLAYBACK)	
262	X-3370-643-1	PINCH LEVER (REV) ASSY		HRPE101	1-500-094-11	HEAD, MAGNETIC (REC/PB/ERASE)	

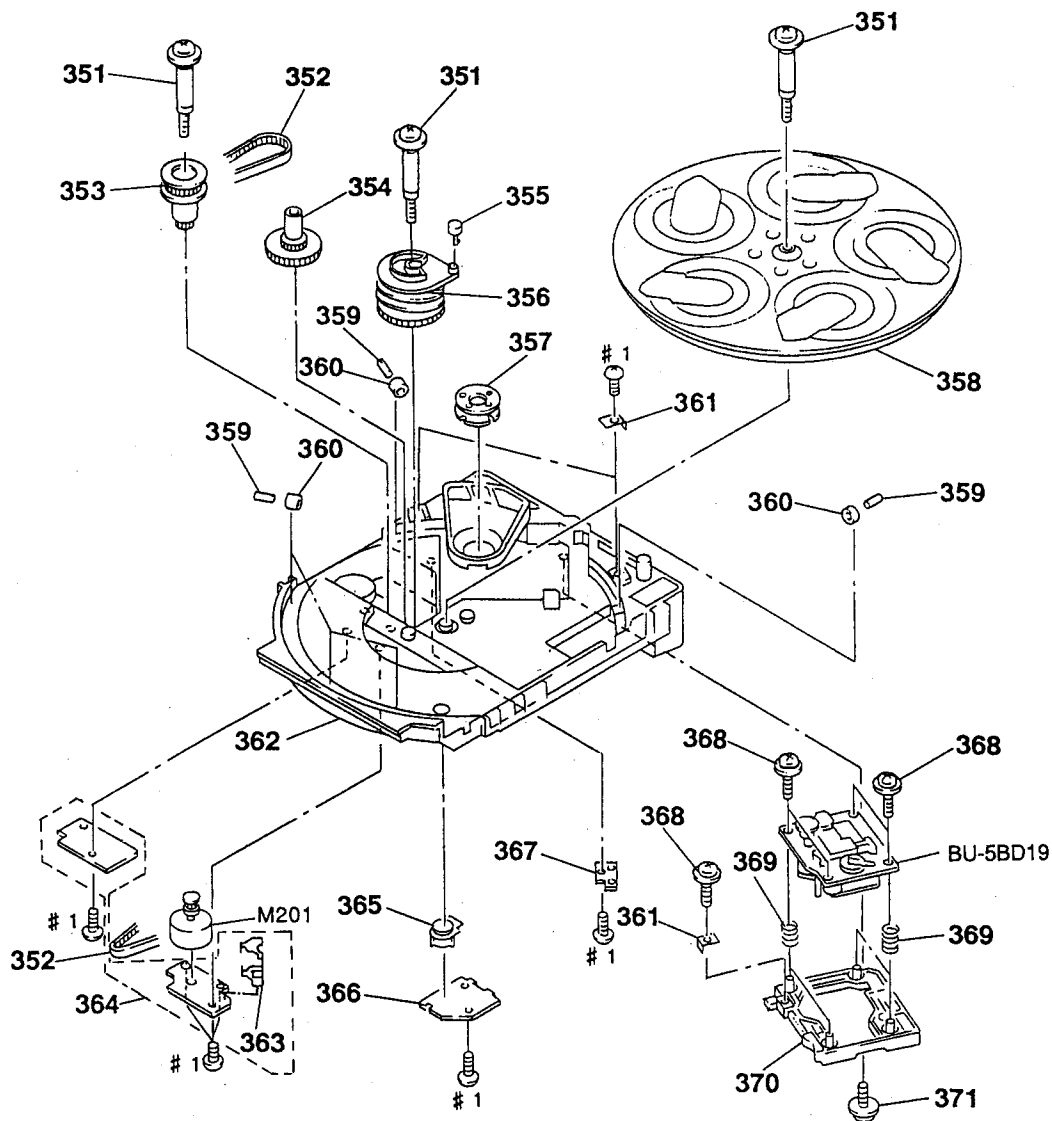
6-7. TC MECHANISM SECTION 3 (TCM-220WR2E)

■ A: MOTOR board (Supplied with MD board.)



Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
301	3-908-597-01	CAM (A)		315	3-908-600-01	LEVER (REV-B)	
302	3-908-608-11	SCREW, STEP		* 316	1-650-669-11	LEAF SWITCH BOARD	
303	X-3367-590-2	ARM (A) ASSY, FR		317	3-908-598-01	CAM (B)	
304	X-3370-169-1	FLYWHEEL (AR) ASSY		318	X-3369-849-2	ARM (B) ASSY, FR	
305	3-928-047-01	PULLEY, TENSION		319	3-914-111-01	SPRING (FR), TORSION	
306	3-908-599-01	LEVER (REV-A)		320	3-908-604-01	LEVER (TRIGGER B)	
307	3-908-601-01	SPRING (REV LEVER), TORSION		321	3-911-115-01	WASHER, STOPPER	
308	3-908-603-01	LEVER (TRIGGER A)		322	3-917-176-11	BELT (B)	
309	X-3370-170-1	FLYWHEEL (BF) ASSY		323	X-3370-172-1	FLYWHEEL (AF) ASSY	
310	3-908-605-01	SPRING (TRIGGER), TORSION		324	X-3371-441-1	CHASSIS ASSY, MECHANICAL	
311	3-908-609-01	GEAR, TRIGGER		* 325	A-2007-435-A	MD BOARD, COMPLETE	
312	3-913-845-11	BELT (A)		M1	X-3371-223-1	MOTOR ASSY (CAPSTAN)	
313	3-913-846-11	BELT (FR)		M2	A-2004-410-A	MOTOR ASSY (TRIGGER)	
314	X-3370-171-1	FLYWHEEL (BR) ASSY					

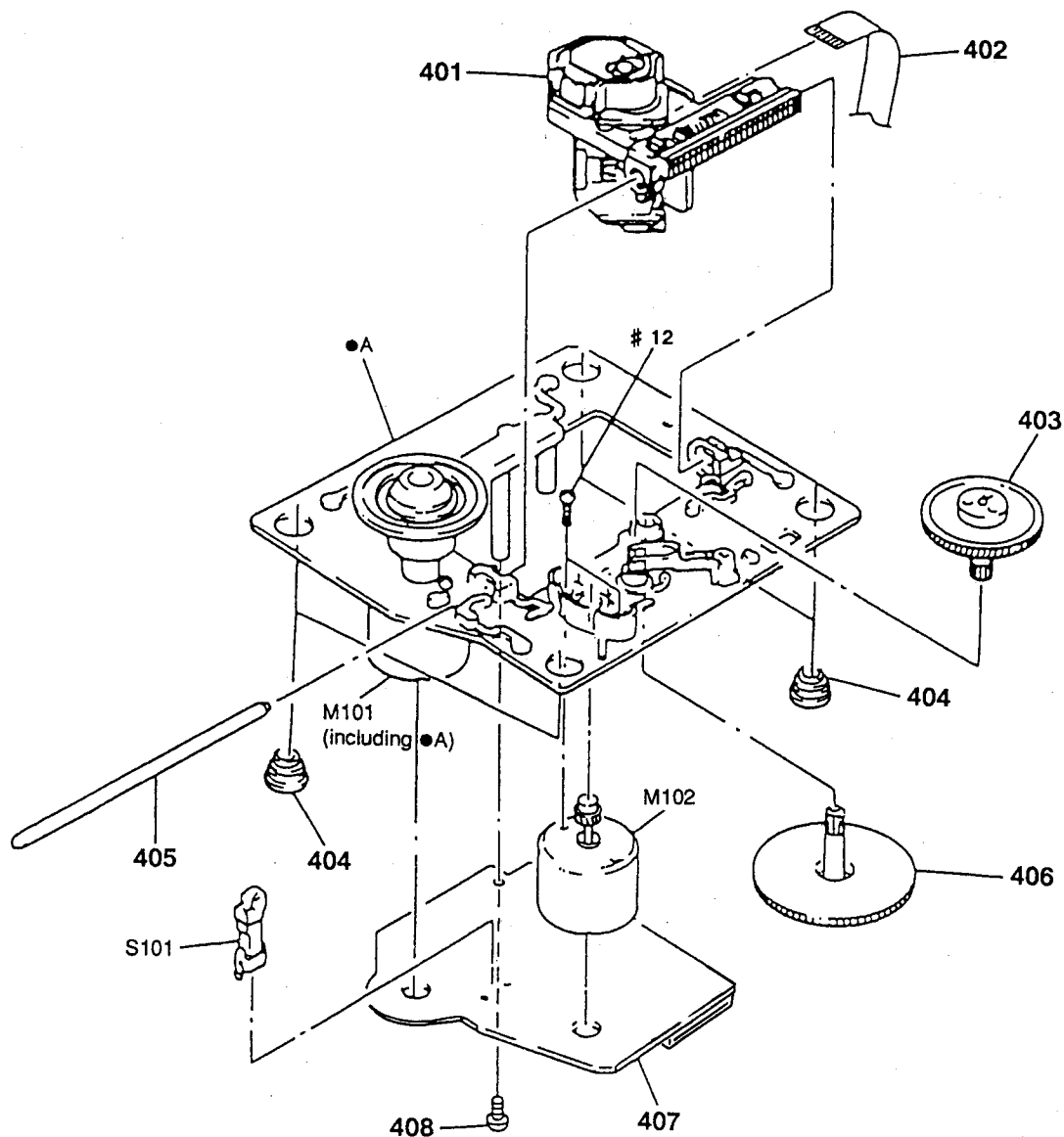
6-8. CD MECHANISM SECTION (CDM37-5BD19)



Ref. No.	Part No.	Description
351	4-978-423-01	SCREW, STEP
352	4-944-490-01	BELT (TIMING)
353	A-4660-978-A	GEAR (PULLEY) ASSY
354	4-978-421-01	GEAR (MID)
355	4-978-425-01	ROLLER (CAM)
356	4-978-420-01	CAM (HOLDER)
* 357	1-452-538-11	MAGNET
358	4-978-417-01	TABLE, DISC
359	4-934-376-01	SHAFT (ROLLER)
360	X-4924-457-1	ROLLER ASSY
* 361	4-978-583-01	BRACKET (BU)

Ref. No.	Part No.	Description
* 362	4-978-418-01	CHASSIS
* 363	4-980-385-01	HOLDER (SW)
* 364	A-4673-765-A	CD MOTOR BOARD, COMPLETE
365	4-978-426-01	INDICATOR (NO.)
* 366	1-659-059-12	LED BOARD
* 367	1-659-058-12	TABLE SENSOR BOARD
368	4-933-134-01	SCREW (+PTPWH M2.6X6)
369	4-958-593-01	SPRING (BU), COMPRESSION
* 370	4-978-419-01	HOLDER (BU-5)
371	4-917-583-71	BRACKET, YOKE
M201	A-4660-977-A	MOTOR ASSY (TABLE)

6-9. BASE UNIT SECTION (BU-5BD19)



The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref.No.	Part No.	Description
 401	8-848-387-01	OPTICAL PICK-UP KSS-213BA/S-N
402	1-769-069-11	WIRE (FLAT TYPE) (16 CORE)
403	4-917-567-01	GEAR (M)
404	4-951-940-01	INSULATOR (BU)
405	4-917-565-01	SHAFT, SLED
406	4-917-564-01	GEAR (P), FLATNESS

Remark	Ref.No.	Part No.	Description
	*	407	A-4673-402-A BD BOARD, COMPLETE
		408	4-951-620-01 SCREW (2.6X8), +BVTP
		M101	X-4917-523-4 MOTOR ASSY (SPINDLE)
		M102	X-4917-504-1 MOTOR ASSY (SLED)
		S101	1-572-085-11 SWITCH, LEAF (LIMIT)

Remark

SECTION 7

ELECTRICAL PARTS LIST

NOTE:

The components identified by mark Δ or dotted line with mark Δ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque Δ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

When indicating parts by reference number, please include the board name.

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- RESISTORS
All resistors are in ohms
METAL: Metal-film resistor
METAL OXIDE: Metal Oxide-film resistor
F: nonflammable
- CAPACITORS
uF: μ F
uH: μ H

- SEMICONDUCTORS
In each case, u: μ , for example:
uA...: μ A..., uPA...: μ PA..., uPB...: μ PB...,
uPC...: μ PC..., uPD...: μ PD...
- Abbreviation
CND : Canadian model
G : German model
IT : Italian model
EE : East European model
EA : Saudi Arabia model
MX : Mexican model
SP : Singapore model
MY : Malaysia model
AUS : Australian model
AR : Argentine model
TH : Thailand model
IA : Indonesian model

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
*	A-4673-402-A	BD BOARD, COMPLETE *****		C139	1-163-235-11	CERAMIC CHIP 22PF 5%	50V
		< CAPACITOR >		C140	1-163-235-11	CERAMIC CHIP 22PF 5%	50V
C100	1-124-472-11	ELECT 470uF 20%	10V	C141	1-163-038-91	CERAMIC CHIP 0.1uF	25V
C101	1-126-607-11	ELECT CHIP 47uF 20%	4V	C142	1-163-038-91	CERAMIC CHIP 0.1uF	25V
C102	1-163-275-11	CERAMIC CHIP 0.001uF 5%	50V	C145	1-135-201-11	TANTALUM CHIP 10uF 20%	4V
C103	1-164-346-11	CERAMIC CHIP 1uF	16V	C146	1-135-201-11	TANTALUM CHIP 10uF 20%	4V
C105	1-163-038-91	CERAMIC CHIP 0.1uF	25V	C147	1-163-275-11	CERAMIC CHIP 0.001uF 5%	50V
C106	1-164-695-11	CERAMIC CHIP 0.0022uF 5%	50V	C148	1-163-275-11	CERAMIC CHIP 0.001uF 5%	50V
C107	1-164-695-11	CERAMIC CHIP 0.0022uF 5%	50V	C149	1-164-346-11	CERAMIC CHIP 1uF	16V
C108	1-164-232-11	CERAMIC CHIP 0.01uF	50V	C153	1-135-259-11	TANTAL. CHIP 10uF 20%	6.3V
C109	1-164-232-11	CERAMIC CHIP 0.01uF	50V	C154	1-163-235-11	CERAMIC CHIP 22PF 5%	50V
C110	1-163-989-11	CERAMIC CHIP 0.033uF 10%	25V			< CONNECTOR >	
C111	1-163-038-91	CERAMIC CHIP 0.1uF	25V	CNU101	1-770-014-11	CONNECTOR, FFC/FPC 16P	
C112	1-163-038-91	CERAMIC CHIP 0.1uF	25V	CNU102	1-770-013-11	CONNECTOR, FFC/FPC 19P	
C113	1-164-695-11	CERAMIC CHIP 0.0022uF 5%	50V			< IC >	
C114	1-164-005-11	CERAMIC CHIP 0.47uF	25V	IC101	8-752-069-56	IC CXA1782BQ	
C115	1-126-607-11	ELECT CHIP 47uF 20%	4V	IC102	8-759-291-06	IC BA6397FP	
C116	1-163-016-00	CERAMIC CHIP 0.0039uF 10%	50V	IC103	8-752-372-94	IC CXD2507AQ	
C117	1-164-005-11	CERAMIC CHIP 0.47uF	25V	IC104	8-759-185-29	IC PCM1710U-B	
C118	1-107-823-11	CERAMIC CHIP 0.47uF 10%	16V			< MOTOR >	
C119	1-163-038-91	CERAMIC CHIP 0.1uF	25V	M101	X-4917-523-4	MOTOR ASSY (SPINDLE)	
C120	1-135-201-11	TANTALUM CHIP 10uF 20%	4V	M102	X-4917-504-1	MOTOR ASSY (SLED)	
C121	1-163-038-91	CERAMIC CHIP 0.1uF	25V			< TRANSISTOR >	
C122	1-164-232-11	CERAMIC CHIP 0.01uF	50V	Q101	8-729-010-08	TRANSISTOR MSB710-R	
C123	1-163-038-91	CERAMIC CHIP 0.1uF	25V	Q102	8-729-424-08	TRANSISTOR UN2111	
C124	1-126-607-11	ELECT CHIP 47uF 20%	4V	Q103	8-729-421-22	TRANSISTOR UN2211	
C125	1-164-232-11	CERAMIC CHIP 0.01uF	50V			< RESISTOR >	
C126	1-163-038-91	CERAMIC CHIP 0.1uF	25V	R102	1-216-001-00	METAL CHIP 10 5%	1/10W
C127	1-164-695-11	CERAMIC CHIP 0.0022uF 5%	50V	R103	1-216-049-91	METAL GLAZE 1K 5%	1/10W
C128	1-163-135-00	CERAMIC CHIP 560PF 5%	50V	R104	1-216-097-91	METAL GLAZE 100K 5%	1/10W
C129	1-163-038-91	CERAMIC CHIP 0.1uF	25V	R105	1-216-093-00	METAL CHIP 68K 5%	1/10W
C130	1-164-336-11	CERAMIC CHIP 0.33uF	25V	R106	1-216-093-00	METAL CHIP 68K 5%	1/10W
C131	1-163-038-91	CERAMIC CHIP 0.1uF	25V	R107	1-216-093-00	METAL CHIP 68K 5%	1/10W
C132	1-163-037-11	CERAMIC CHIP 0.022uF 10%	25V	R108	1-216-093-00	METAL CHIP 68K 5%	1/10W
C133	1-163-145-00	CERAMIC CHIP 0.0015uF 5%	50V	R109	1-216-097-91	METAL GLAZE 100K 5%	1/10W
C134	1-164-346-11	CERAMIC CHIP 1uF	16V	R112	1-216-083-00	METAL CHIP 27K 5%	1/10W
C135	1-163-251-11	CERAMIC CHIP 100PF 5%	50V				
C136	1-164-005-11	CERAMIC CHIP 0.47uF	25V				
C137	1-164-232-11	CERAMIC CHIP 0.01uF	50V				

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R113	1-216-083-00	METAL CHIP	27K 5% 1/10W	RV102	1-241-396-11	RES, ADJ, METAL GLAZE 22K	
R114	1-216-101-00	METAL CHIP	150K 5% 1/10W	RV103	1-241-396-11	RES, ADJ, METAL GLAZE 22K	
R115	1-216-101-00	METAL CHIP	150K 5% 1/10W			< SWITCH >	
R116	1-216-061-00	METAL CHIP	3.3K 5% 1/10W	S101	1-572-085-11	SWITCH, LEAF (LIMIT)	
R117	1-216-069-00	METAL CHIP	6.8K 5% 1/10W			< VIBRATOR >	
R118	1-216-049-91	METAL GLAZE	1K 5% 1/10W	X101	1-579-280-11	VIBRATOR, CRYSTAL (16.9344MHz)	
R119	1-216-089-91	METAL GLAZE	47K 5% 1/10W	*****			
R120	1-216-089-91	METAL GLAZE	47K 5% 1/10W	*	1-659-404-11	CD (L) BOARD	
R121	1-216-114-00	METAL GLAZE	510K 5% 1/10W			*****	
R122	1-216-097-91	METAL GLAZE	100K 5% 1/10W			< CONNECTOR >	
R123	1-216-099-00	METAL CHIP	120K 5% 1/10W	* CN515	1-568-944-11	PIN, CONNECTOR 6P	
R124	1-216-091-00	METAL CHIP	56K 5% 1/10W			< DIODE >	
R125	1-216-069-00	METAL CHIP	6.8K 5% 1/10W	D638	8-719-057-09	DIODE LNJ801LPDJA (CLIP C)	
R126	1-216-063-91	METAL GLAZE	3.9K 5% 1/10W	D639	8-719-057-09	DIODE LNJ801LPDJA (CLIP B)	
R127	1-216-089-91	METAL GLAZE	47K 5% 1/10W	D640	8-719-057-09	DIODE LNJ801LPDJA (CLIP A)	
R128	1-216-105-91	METAL GLAZE	220K 5% 1/10W			< RESISTOR >	
R129	1-216-049-91	METAL GLAZE	1K 5% 1/10W	R568	1-247-815-91	CARBON 220 5% 1/4W	
R130	1-216-079-00	METAL CHIP	18K 5% 1/10W	R569	1-249-411-11	CARBON 330 5% 1/4W	
R131	1-216-079-00	METAL CHIP	18K 5% 1/10W	R570	1-249-413-11	CARBON 470 5% 1/4W F	
R132	1-216-061-00	METAL CHIP	3.3K 5% 1/10W	R571	1-249-415-11	CARBON 680 5% 1/4W F	
R133	1-216-061-00	METAL CHIP	3.3K 5% 1/10W	R572	1-249-417-11	CARBON 1K 5% 1/4W F	
R134	1-216-065-00	METAL CHIP	4.7K 5% 1/10W	R573	1-249-419-11	CARBON 1.5K 5% 1/4W F	
R135	1-216-065-00	METAL CHIP	4.7K 5% 1/10W	R574	1-249-421-11	CARBON 2.2K 5% 1/4W F	
R136	1-216-073-00	METAL CHIP	10K 5% 1/10W	R575	1-249-423-11	CARBON 3.3K 5% 1/4W F	
R137	1-216-065-00	METAL CHIP	4.7K 5% 1/10W	R576	1-249-427-11	CARBON 6.8K 5% 1/4W F	
R138	1-216-049-91	METAL GLAZE	1K 5% 1/10W	R577	1-249-431-11	CARBON 15K 5% 1/4W	
R139	1-216-033-00	METAL CHIP	220 5% 1/10W			< SWITCH >	
R140	1-216-081-00	METAL CHIP	22K 5% 1/10W	S569	1-554-303-21	SWITCH, TACTILE (CLIP C)	
R141	1-216-061-00	METAL CHIP	3.3K 5% 1/10W	S570	1-554-303-21	SWITCH, TACTILE (CLIP B)	
R142	1-216-061-00	METAL CHIP	3.3K 5% 1/10W	S571	1-554-303-21	SWITCH, TACTILE (CLIP A)	
R143	1-216-121-91	METAL GLAZE	1M 5% 1/10W	S572	1-554-303-21	SWITCH, TACTILE (ERASE MUSIC CLIP)	
R144	1-216-073-00	METAL CHIP	10K 5% 1/10W	S573	1-554-303-21	SWITCH, TACTILE (PLAY MUSIC CLIP)	
R145	1-216-097-91	METAL GLAZE	100K 5% 1/10W	S574	1-554-303-21	SWITCH, TACTILE (DISC 1 DISC SELECT)	
R146	1-216-097-91	METAL GLAZE	100K 5% 1/10W	S575	1-554-303-21	SWITCH, TACTILE (DISC 2 DISC SELECT)	
R147	1-216-049-91	METAL GLAZE	1K 5% 1/10W	S576	1-554-303-21	SWITCH, TACTILE (DISC 3 DISC SELECT)	
R148	1-216-049-91	METAL GLAZE	1K 5% 1/10W	S577	1-554-303-21	SWITCH, TACTILE (DISC 4 DISC SELECT)	
R149	1-216-049-91	METAL GLAZE	1K 5% 1/10W	S578	1-554-303-21	SWITCH, TACTILE (DISC 5 DISC SELECT)	
R150	1-216-037-00	METAL CHIP	330 5% 1/10W	*****			
R151	1-216-037-00	METAL CHIP	330 5% 1/10W				
R152	1-216-037-00	METAL CHIP	330 5% 1/10W				
R153	1-216-082-00	METAL GLAZE	24K 5% 1/10W				
R154	1-216-065-00	METAL CHIP	4.7K 5% 1/10W				
R156	1-216-085-00	METAL CHIP	33K 5% 1/10W				
R157	1-216-069-00	METAL CHIP	6.8K 5% 1/10W				
R158	1-216-001-00	METAL CHIP	10 5% 1/10W				
< VARIABLE RESISTOR >							
RV101	1-241-396-11	RES, ADJ, METAL GLAZE 22K					

CD (R)

CD JOG

CD LED

CD MOTOR

Ref.No.	Part No.	Description	Remark
*	1-659-409-11	CD (R) BOARD *****	
		< CONNECTOR >	
CN514	1-568-936-11	PIN, CONNECTOR 9P	
		< DIODE >	
D603	8-719-058-03	DIODE SEL5423E-TP15 (▷)	
D604	8-719-058-03	DIODE SEL5423E-TP15 (▷)	
D636	8-719-058-17	DIODE LNJ401NPYJA (■)	
D637	8-719-057-09	DIODE LNJ801LPDJA (AUTO PLAY)	
		< RESISTOR >	
R553	1-249-411-11	CARBON 330 5% 1/4W	
R554	1-249-413-11	CARBON 470 5% 1/4W F	
R555	1-249-415-11	CARBON 680 5% 1/4W F	
R556	1-249-417-11	CARBON 1K 5% 1/4W F	
R557	1-249-419-11	CARBON 1.5K 5% 1/4W F	
R678	1-247-815-91	CARBON 220 5% 1/4W	
R680	1-247-815-91	CARBON 220 5% 1/4W	
		< SWITCH >	
S554	1-554-303-21	SWITCH, TACTILE (▷)	
S555	1-554-303-21	SWITCH, TACTILE (■)	
S556	1-554-303-21	SWITCH, TACTILE (■)	
S557	1-554-303-21	SWITCH, TACTILE (DISC SKIP)	
S558	1-554-303-21	SWITCH, TACTILE (AUTO PLAY)	

*	1-659-405-11	CD JOG BOARD *****	
		< CAPACITOR >	
C515	1-162-306-11	CERAMIC 0.01uF 30% 16V	
C516	1-162-306-11	CERAMIC 0.01uF 30% 16V	
		< CONNECTOR >	
* CN518	1-568-942-11	PIN, CONNECTOR 4P	
		< RESISTOR >	
R558	1-249-421-11	CARBON 2.2K 5% 1/4W F	
R559	1-249-423-11	CARBON 3.3K 5% 1/4W F	
R560	1-249-427-11	CARBON 6.8K 5% 1/4W F	
R561	1-249-431-11	CARBON 15K 5% 1/4W	
		< SWITCH >	
S502	1-473-534-11	ENCODER, ROTARY (◁◁◁ AMS ▷▷▷)	
S559	1-554-303-21	SWITCH, TACTILE (PROGRAM)	

Ref.No.	Part No.	Description	Remark
S560	1-554-303-21	SWITCH, TACTILE (REPEAT)	
S561	1-554-303-21	SWITCH, TACTILE (SHUFFLE)	
S562	1-554-303-21	SWITCH, TACTILE (CONTINUE)	

*	1-659-406-11	CD LED BOARD *****	
		< CONNECTOR >	
CN516	1-506-481-11	PIN, CONNECTOR 2P	
		< DIODE >	
D3151	8-719-057-40	DIODE HLMF-K305-2UL (5CD)	
D3152	8-719-058-19	DIODE HLMF-K405-2UL (5CD)	
D3153	8-719-058-19	DIODE HLMF-K405-2UL (5CD)	
D3154	8-719-057-40	DIODE HLMF-K305-2UL (5CD)	
		< RESISTOR >	
R3151	1-249-412-11	CARBON 390 5% 1/4W F	

*	A-4673-765-A	CD MOTOR BOARD, COMPLETE *****	
*	4-980-385-01	HOLDER (SW)	
		< CAPACITOR >	
C201	1-124-907-11	ELECT 10uF 20% 50V	
C202	1-162-306-11	CERAMIC 0.01uF 30% 16V	
C203	1-124-907-11	ELECT 10uF 20% 50V	
		< CONNECTOR >	
* CN201	1-568-947-11	PIN, CONNECTOR 9P	
		< IC >	
IC201	8-759-365-94	IC TA8409S	
		< COIL >	
L201	1-408-117-00	INDUCTOR 10uH	
		< MOTOR >	
M201	A-4660-977-A	MOTOR ASSY (TABLE)	
		< RESISTOR >	
R205	1-249-427-11	CARBON 6.8K 5% 1/4W F	
R206	1-249-425-11	CARBON 4.7K 5% 1/4W F	

CD MOTOR

DOOR SW

HP

KEY CON

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
		< SWITCH >					
S201	1-762-587-11	SWITCH, PUSH (1 KEY) (UP)		C1470	1-162-294-31	CERAMIC 0.001uF 10%	50V
		*****		C1471	1-162-294-31	CERAMIC 0.001uF 10%	50V
*	1-659-408-11	DOOR SW BOARD		C1472	1-162-294-31	CERAMIC 0.001uF 10%	50V
		*****				< CONNECTOR >	
		< SWITCH >		CN1401	1-566-999-11	PIN, CONNECTOR 13P	
S591	1-572-126-11	SWITCH, PUSH (1 KEY) (▲ OPEN)				< IC >	
		*****		IC1401	8-759-370-85	IC M65847FP-TP	
				IC1403	8-759-140-53	IC uPD4053BC	
						< COIL >	
*	1-659-411-11	HP BOARD		L1401	1-410-521-11	INDUCTOR 100uH	
		*****				< TRANSISTOR >	
		< CAPACITOR >		Q1401	8-729-900-80	TRANSISTOR DTC114ES	
C621	1-164-159-21	CERAMIC 0.1uF	50V	Q1403	8-729-119-78	TRANSISTOR 2SC403SP-51	
C622	1-164-159-21	CERAMIC 0.1uF	50V			< RESISTOR >	
C623	1-164-159-21	CERAMIC 0.1uF	50V				
		< JACK >		R1413	1-247-863-91	CARBON 22K 5%	1/4W
J601	1-569-113-11	JACK, LARGE TYPE		R1414	1-247-863-91	CARBON 22K 5%	1/4W
		*****		R1415	1-249-441-11	CARBON 100K 5%	1/4W
				R1416	1-249-441-11	CARBON 100K 5%	1/4W
				R1417	1-249-429-11	CARBON 10K 5%	1/4W
*	A-4389-020-A	KEY CON BOARD, COMPLETE (N355K)		R1418	1-249-425-11	CARBON 4.7K 5%	1/4W F
		*****		R1419	1-249-425-11	CARBON 4.7K 5%	1/4W F
		< CAPACITOR >		R1421	1-249-417-11	CARBON 1K 5%	1/4W F
C1403	1-126-964-11	ELECT 10uF 20%	50V	R1422	1-249-429-11	CARBON 10K 5%	1/4W
C1404	1-126-964-11	ELECT 10uF 20%	50V	R1435	1-247-807-31	CARBON 100 5%	1/4W
C1405	1-126-964-11	ELECT 10uF 20%	50V				
C1406	1-126-964-11	ELECT 10uF 20%	50V	R1436	1-249-429-11	CARBON 10K 5%	1/4W
C1431	1-130-493-00	MYLAR 0.068uF 5%	50V	R1437	1-249-425-11	CARBON 4.7K 5%	1/4W F
C1432	1-130-493-00	MYLAR 0.068uF 5%	50V	R1438	1-247-807-31	CARBON 100 5%	1/4W
C1433	1-130-493-00	MYLAR 0.068uF 5%	50V	R1448	1-249-429-11	CARBON 10K 5%	1/4W
C1434	1-162-284-31	CERAMIC 150PF 10%	50V	R1450	1-249-441-11	CARBON 100K 5%	1/4W
C1436	1-126-967-11	ELECT 47uF 20%	10V				
C1437	1-164-159-21	CERAMIC 0.1uF	50V	R1451	1-249-429-11	CARBON 10K 5%	1/4W
C1438	1-126-933-11	ELECT 100uF 20%	10V	R1452	1-249-425-11	CARBON 4.7K 5%	1/4W F
C1439	1-126-964-11	ELECT 10uF 20%	50V	R1453	1-249-429-11	CARBON 10K 5%	1/4W
C1445	1-136-165-00	FILM 0.1uF 5%	50V	R1457	1-249-424-11	CARBON 3.9K 5%	1/4W F
C1446	1-136-165-00	FILM 0.1uF 5%	50V	R1458	1-249-431-11	CARBON 15K 5%	1/4W
C1448	1-126-964-11	ELECT 10uF 20%	50V				
C1461	1-162-294-31	CERAMIC 0.001uF 10%	50V	R1459	1-249-429-11	CARBON 10K 5%	1/4W
C1462	1-162-306-11	CERAMIC 0.01uF 20%	16V	R1460	1-247-863-91	CARBON 22K 5%	1/4W
C1466	1-162-600-11	CERAMIC 0.0047uF 20%	16V	R1461	1-249-434-11	CARBON 27K 5%	1/4W
C1467	1-162-291-31	CERAMIC 560PF 10%	50V	R1469	1-249-426-11	CARBON 5.6K 5%	1/4W
C1468	1-162-290-31	CERAMIC 470PF 10%	50V			*****	
C1469	1-162-294-31	CERAMIC 0.001uF 10%	50V				

LEAF SWITCH LED MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
*	1-650-669-11	LEAF SWITCH BOARD *****		*	A-4378-981-A	MAIN BOARD, COMPLETE ***** (N355:AEP, UK, G, IT, EE)	
		< CONNECTOR >		*	A-4378-993-A	MAIN BOARD, COMPLETE ***** (N355:E, MX, AR, AUS, PX)	
* CN1001	1-568-854-11	SOCKET, CONNECTOR 11P		*	A-4389-002-A	MAIN BOARD, COMPLETE (N355K:E, SP, IA) *****	
		< TRANSISTOR >		*	A-4389-666-A	MAIN BOARD, COMPLETE (D570) *****	
Q1001	8-749-010-90	TRANSISTOR PHOTO REFLECTOR NJL5165KA-H2		*	A-4390-150-A	MAIN BOARD, COMPLETE (N355K:MY) *****	
Q1002	8-749-010-90	TRANSISTOR PHOTO REFLECTOR NJL5165KA-H2		*	A-4390-158-A	MAIN BOARD, COMPLETE (N355K:EA) *****	
		< RESISTOR >		*	A-4390-207-A	MAIN BOARD, COMPLETE (N355K:TH) *****	
R1001	1-249-412-11	CARBON 390 5% 1/4W F			7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
R1002	1-249-412-11	CARBON 390 5% 1/4W F				< CAPACITOR >	
R1003	1-249-414-11	CARBON 560 5% 1/4W F		C201	1-126-961-11	ELECT 2.2uF 20% 50V	
R1004	1-247-834-11	CARBON 1.3K 5% 1/4W		C202	1-162-600-11	CERAMIC 0.0047uF 30% 16V	
R1005	1-247-818-11	CARBON 300 5% 1/4W		C203	1-124-472-11	ELECT 470uF 20% 10V	
		< SWITCH >		C204	1-162-282-31	CERAMIC 100PF 10% 50V	
S1001	1-692-832-11	SWITCH, PUSH (1 KEY) (A PLAY)		C205	1-162-282-31	CERAMIC 100PF 10% 50V	
S1002	1-692-832-11	SWITCH, PUSH (1 KEY) (B PLAY)		C209	1-126-941-11	ELECT 470uF 20% 6.3V	
S1003	1-572-248-11	SWITCH, LEAF (A HALF)		C213	1-164-159-21	CERAMIC 0.1uF 50V (D570:US)	
S1004	1-571-281-21	SWITCH, LEAF (A CrO2)		C251	1-126-961-11	ELECT 2.2uF 20% 50V	
S1005	1-571-281-21	SWITCH, LEAF (REC A)		C252	1-162-600-11	CERAMIC 0.0047uF 30% 16V	
S1006	1-572-248-11	SWITCH, LEAF (B HALF)		C301	1-130-479-00	MYLAR 0.0047uF 5% 50V	
S1008	1-571-281-21	SWITCH, LEAF (B CrO2)		C302	1-162-290-31	CERAMIC 470PF 10% 50V	
S1009	1-571-281-21	SWITCH, LEAF (REC B)		C303	1-136-165-00	FILM 0.1uF 5% 50V (D570/N355:AEP, UK, G, IT, EE)	
*****				C305	1-124-903-11	ELECT 1uF 20% 50V	
* 1-659-059-12	LED BOARD *****			C306	1-124-902-00	ELECT 0.47uF 20% 50V	
		< DIODE >		C307	1-126-964-11	ELECT 10uF 20% 50V	
D201	8-719-032-98	DIODE SEL5820A (DISC, No.)		C308	1-126-964-11	ELECT 10uF 20% 50V	
		< TRANSISTOR >		C309	1-124-903-11	ELECT 1uF 20% 50V	
Q201	8-729-119-78	TRANSISTOR 2SC2785-HFE		C310	1-126-933-11	ELECT 100uF 20% 10V	
		< RESISTOR >		C351	1-130-479-00	MYLAR 0.0047uF 5% 50V	
R201	1-247-863-91	CARBON 22K 5% 1/4W		C352	1-162-290-31	CERAMIC 470PF 10% 50V	
R202	1-249-411-11	CARBON 330 5% 1/4W		C353	1-136-165-00	FILM 0.1uF 5% 50V (D570/N355:AEP, UK, G, IT, EE)	
R203	1-249-437-11	CARBON 47K 5% 1/4W		C355	1-124-903-11	ELECT 1uF 20% 50V	
*****				C356	1-124-902-00	ELECT 0.47uF 20% 50V	
				C357	1-126-964-11	ELECT 10uF 20% 50V	
				C358	1-126-964-11	ELECT 10uF 20% 50V	

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C359	1-124-903-11	ELECT	1uF	20%	50V	C907	1-130-480-00	MYLAR	0.0056uF	5%	50V
C360	1-126-933-11	ELECT	100uF	20%	10V	C908	1-130-479-00	MYLAR	0.0047uF	5%	50V
C401	1-164-159-21	CERAMIC	0.1uF		50V	C909	1-130-474-00	MYLAR	0.0018uF	5%	50V
C402	1-164-159-21	CERAMIC	0.1uF		50V	C910	1-126-964-11	ELECT	10uF	20%	50V
C403	1-164-159-21	CERAMIC	0.1uF		50V						
C404	1-126-933-11	ELECT	100uF	20%	16V	C911	1-126-964-11	ELECT	10uF	20%	50V
C405	1-126-925-11	ELECT	470uF	20%	16V	C912	1-136-169-00	FILM	0.22uF	5%	50V
C701	1-162-306-11	CERAMIC	0.01uF	30%	16V	C913	1-136-169-00	FILM	0.22uF	5%	50V
C702	1-126-926-11	ELECT	1000uF	20%	10V	C914	1-126-964-11	ELECT	10uF	20%	50V
C703	1-126-964-11	ELECT	10uF	20%	50V	C915	1-136-153-00	FILM	0.01uF	5%	50V
C704	1-136-165-00	FILM	0.1uF	5%	50V	C930	1-136-165-00	FILM	0.1uF	5%	50V
C705	1-136-165-00	FILM	0.1uF	5%	50V	C931	1-136-153-00	FILM	0.01uF	5%	50V
C706	1-126-965-11	ELECT	22uF	20%	50V	C933	1-124-902-00	ELECT	0.47uF	20%	50V
C707	1-162-205-31	CERAMIC	18PF	5%	50V	C935	1-164-159-21	CERAMIC	0.1uF		50V
C708	1-162-205-31	CERAMIC	18PF	5%	50V	C936	1-126-964-11	ELECT	10uF	20%	50V
C709	1-164-159-21	CERAMIC	0.1uF		50V	C938	1-162-290-31	CERAMIC	470PF	10%	50V
		(N355:E, MX, AR, AUS, PX/N355K)				C939	1-126-967-11	ELECT	47uF	20%	10V
C710	1-162-306-11	CERAMIC	0.01uF	30%	16V	C940	1-126-967-11	ELECT	47uF	20%	10V
C789	1-126-923-11	ELECT	220uF	20%	10V	C951	1-136-169-00	FILM	0.22uF	5%	50V
C801	1-162-288-31	CERAMIC	330PF	10%	50V	C952	1-136-169-00	FILM	0.22uF	5%	50V
		(N355:AEP, UK, G, IT, EE)									
C802	1-164-159-21	CERAMIC	0.1uF		50V	C953	1-136-495-11	FILM	0.068uF	5%	50V
C803	1-162-282-31	CERAMIC	100PF	10%	50V	C954	1-136-495-11	FILM	0.068uF	5%	50V
C804	1-162-282-31	CERAMIC	100PF	10%	50V	C955	1-136-156-00	FILM	0.018uF	5%	50V
C805	1-126-962-11	ELECT	3.3uF	20%	50V	C956	1-136-156-00	FILM	0.018uF	5%	50V
C806	1-162-600-11	CERAMIC	0.0047uF	30%	16V	C957	1-130-480-00	MYLAR	0.0056uF	5%	50V
C807	1-162-301-11	CERAMIC	0.0015uF	30%	16V						
C808	1-124-463-00	ELECT	0.1uF	20%	50V	C958	1-130-479-00	MYLAR	0.0047uF	5%	50V
C809	1-126-967-11	ELECT	47uF	20%	10V	C959	1-130-474-00	MYLAR	0.0018uF	5%	50V
		(N355:AEP, UK, G, IT, EE)				C960	1-126-964-11	ELECT	10uF	20%	50V
C810	1-162-306-11	CERAMIC	0.01uF	30%	16V	C961	1-126-964-11	ELECT	10uF	20%	50V
C811	1-162-306-11	CERAMIC	0.01uF	30%	16V	C962	1-136-169-00	FILM	0.22uF	5%	50V
C821	1-162-286-21	CERAMIC	220PF	10%	50V	C963	1-136-169-00	FILM	0.22uF	5%	50V
C825	1-109-889-11	ELECT	1uF	20%	50V	C964	1-126-964-11	ELECT	10uF	20%	50V
C851	1-162-288-31	CERAMIC	330PF	10%	50V	C965	1-136-153-00	FILM	0.01uF	5%	50V
		(N355:AEP, UK, G, IT, EE)				C1001	1-126-937-11	ELECT	4700uF	20%	16V
C853	1-162-282-31	CERAMIC	100PF	10%	50V	C1002	1-126-768-11	ELECT	2200uF	20%	16V
C854	1-162-282-31	CERAMIC	100PF	10%	50V	C1003	1-126-964-11	ELECT	10uF	20%	50V
C855	1-126-962-11	ELECT	3.3uF	20%	50V	C1005	1-126-964-11	ELECT	10uF	20%	50V
C856	1-162-600-11	CERAMIC	0.0047uF	30%	16V	C1006	1-126-933-11	ELECT	100uF	20%	10V
C857	1-162-301-11	CERAMIC	0.0015uF	30%	16V	C1007	1-126-934-11	ELECT	220uF	20%	16V
C858	1-124-463-00	ELECT	0.1uF	20%	50V	C1008	1-126-933-11	ELECT	100uF	20%	16V
C859	1-126-967-11	ELECT	47uF	20%	10V						
		(N355:AEP, UK, G, IT, EE)				C1010	1-164-159-21	CERAMIC	0.1uF		50V
C871	1-162-286-21	CERAMIC	220PF	10%	50V	C1011	1-164-159-21	CERAMIC	0.1uF		50V
C901	1-136-169-00	FILM	0.22uF	5%	50V	C1012	1-126-964-11	ELECT	10uF	20%	50V
C902	1-136-169-00	FILM	0.22uF	5%	50V	C1013	1-126-916-11	ELECT	1000uF	20%	6.3V
C903	1-136-495-11	FILM	0.068uF	5%	50V	C1014	1-126-964-11	ELECT	10uF	20%	50V
C904	1-136-495-11	FILM	0.068uF	5%	50V						
C905	1-136-156-00	FILM	0.018uF	5%	50V	C1015	1-126-964-11	ELECT	10uF	20%	50V
C906	1-136-156-00	FILM	0.018uF	5%	50V	C1016	1-126-925-11	ELECT	470uF	20%	10V
						C1017	1-126-925-11	ELECT	470uF	20%	10V
						C1018	1-126-942-61	ELECT	1000uF	20%	25V
						C1019	1-126-934-11	ELECT	220uF	20%	16V
						C1020	1-126-947-11	ELECT	47uF	20%	35V

MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C1021	1-126-964-11	ELECT	10uF 20% 50V	CN801	1-573-845-11	CONNECTOR, BOARD TO BOARD 13P (N355K)	
C1022	1-126-968-11	ELECT	100uF 20% 50V	* CN1001	1-564-513-11	PLUG, CONNECTOR 10P	
C1023	1-126-968-11	ELECT	100uF 20% 50V	CN1311	1-564-505-11	PLUG, CONNECTOR 2P (D570)	
C1025	1-126-925-11	ELECT	470uF 20% 10V	< DIODE >			
C1026	1-126-925-11	ELECT	470uF 20% 10V	D201	8-719-987-63	DIODE 1N4148M	
C1221	1-126-933-11	ELECT	100uF 20% 10V	D202	8-719-987-63	DIODE 1N4148M	
C1222	1-126-933-11	ELECT	100uF 20% 10V	D401	8-719-933-54	DIODE HZS9A2L	
C1223	1-126-923-11	ELECT	220uF 20% 10V	D701	8-719-987-63	DIODE 1N4148M	
C1224	1-124-925-11	ELECT	2.2uF 20% 100V	D702	8-719-987-63	DIODE 1N4148M	
C1227	1-164-159-21	CERAMIC	0.1uF 50V	D703	8-719-987-63	DIODE 1N4148M	
C1228	1-164-159-21	CERAMIC	0.1uF 50V	D704	8-719-987-63	DIODE 1N4148M	
C1230	1-126-974-11	ELECT	3300uF 20% 50V (N355/N355K)	D705	8-719-987-63	DIODE 1N4148M	
C1230	1-128-493-11	ELECT	4700uF 20% 71V (D570)	D706	8-719-200-82	DIODE 11ES2	
C1235	1-126-974-11	ELECT	3300uF 20% 50V (N355/N355K)	D707	8-719-987-63	DIODE 1N4148M	
C1235	1-128-493-11	ELECT	4700uF 20% 71V (D570)	D708	8-719-987-63	DIODE 1N4148M	
C1248	1-136-495-11	FILM	0.068uF 5% 50V (N355:AEP, UK, G, IT, EE)	D721	8-719-987-63	DIODE 1N4148M	
C1249	1-136-495-11	FILM	0.068uF 5% 50V (N355:AEP, UK, G, IT, EE)	D722	8-719-987-63	DIODE 1N4148M	
C1250	1-162-294-31	CERAMIC	0.001uF 10% 50V (N355:AEP, UK, G, IT, EE)	D1001	8-719-200-82	DIODE 11ES2	
C1270	1-130-781-00	FILM	0.22uF 10% 100V	D1002	8-719-200-82	DIODE 11ES2	
C1271	1-130-781-00	FILM	0.22uF 10% 100V	D1003	8-719-200-82	DIODE 11ES2	
C1280	1-162-282-31	CERAMIC	100PF 10% 50V (N355:AEP, UK, G, IT, EE)	D1004	8-719-200-82	DIODE 11ES2	
C1298	1-136-495-11	FILM	0.068uF 5% 50V (N355:AEP, UK, G, IT, EE)	D1005	8-719-200-82	DIODE 11ES2	
C1299	1-136-495-11	FILM	0.068uF 5% 50V (N355:AEP, UK, G, IT, EE)	D1006	8-719-200-82	DIODE 11ES2	
C1300	1-162-294-31	CERAMIC	0.001uF 10% 50V (N355:AEP, UK, G, IT, EE)	D1007	8-719-987-63	DIODE 1N4148M	
C1311	1-162-306-11	CERAMIC	0.01uF 20% 16V (D570)	D1008	8-719-001-43	DIODE UZL-11M1-TA	
C1312	1-126-163-11	ELECT	4.7uF 20% 50V (D570)	D1009	8-719-987-63	DIODE 1N4148M	
R945	1-164-159-21	CERAMIC	0.1uF 50V	D1010	8-719-987-63	DIODE 1N4148M	
< CONNECTOR >				D1011	8-719-010-43	DIODE UZ-5.6BSC	
CN201	1-770-067-11	CONNECTOR, FFC/FPC 19P		D1013	8-719-200-82	DIODE 11ES2	
* CN203	1-568-936-11	PIN, CONNECTOR 9P		D1014	8-719-200-82	DIODE 11ES2	
CN401	1-568-838-11	SOCKET, CONNECTOR 21P		D1016	8-719-200-82	DIODE 11ES2	
* CN402	1-568-830-11	SOCKET, CONNECTOR 11P		D1017	8-719-200-82	DIODE 11ES2	
* CN403	1-568-449-11	HOUSING, CONNECTOR(PC BOARD)3P		D1018	8-719-200-82	DIODE 11ES2	
CN702	1-568-802-11	SOCKET, CONNECTOR 19P (D570/N355:AEP, UK, G, IT, EE)		D1019	8-719-987-63	DIODE 1N4148M	
CN702	1-568-838-11	SOCKET, CONNECTOR 21P (N355:E, MX, AR, AUS, PX)		D1021	8-719-200-82	DIODE 11ES2	
* CN702	1-568-841-11	SOCKET, CONNECTOR 25P (N355K)		D1022	8-719-200-82	DIODE 11ES2	
* CN703	1-568-832-11	SOCKET, CONNECTOR 13P (D570/N355:E, MX, AR, AUS, PX/N355K)		D1023	8-719-011-13	DIODE UZ-30BSC	
* CN703	1-568-834-11	SOCKET, CONNECTOR 15P (N355:AEP, UK, G, IT, EE)		D1059	8-719-987-63	DIODE 1N4148M	
				D1069	8-719-987-63	DIODE 1N4148M	
				D1204	8-719-815-85	DIODE 1S1585 (D570)	
				D1204	8-719-987-63	DIODE 1N4148M (N355/N355K)	
				D1205	8-719-815-85	DIODE 1S1585 (D570)	
				D1205	8-719-987-63	DIODE 1N4148M (N355/N355K)	
				D1230	8-719-987-63	DIODE 1N4148M	
				D1250	8-719-510-68	DIODE D5SBA20F01	
				D1309	8-719-815-85	DIODE 1S1585 (D570)	
				D1309	8-719-987-63	DIODE 1N4148M (N355/N355K)	
				D1310	8-719-815-85	DIODE 1S1585 (D570)	
				D1310	8-719-987-63	DIODE 1N4148M (N355/N355K)	

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
D1321	8-719-815-85	DIODE 1S1585 (D570)		Q1001	8-729-118-01	TRANSISTOR 2SB1116-K	
D1371	8-719-815-85	DIODE 1S1585 (D570)		Q1002	8-729-900-36	TRANSISTOR DTC124ES	
< IC >				Q1003	8-729-030-18	TRANSISTOR 2SD2525	
IC401	8-759-289-38	IC HA12195NT (D570/N355:AEP, UK, G, IT, EE)		Q1003	8-729-209-15	TRANSISTOR 2SD2012	
IC401	8-759-289-39	IC HA12196NT		Q1006	8-729-141-83	TRANSISTOR 2SB1094-LK	
		(N355:E, MX, AR, AUS, PX/N355K)		Q1204	8-729-900-63	TRANSISTOR DTA124ES	
IC402	8-759-822-09	IC LB1641		Q1205	8-729-900-36	TRANSISTOR DTC124ES	
IC701	8-759-392-42	IC TMP87CS64YF-6397		Q1206	8-729-900-80	TRANSISTOR DTC114ES	
IC702	8-759-165-80	IC PST600C-T		Q1207	8-729-119-76	TRANSISTOR 2SA1175-HFE (N355/N355K)	
IC801	8-759-634-51	IC M5218AP		Q1207	8-729-140-82	TRANSISTOR 2SA988-PAFAEA (D570)	
IC802	8-759-000-48	IC MC14052BCP		Q1208	8-729-119-76	TRANSISTOR 2SA1175-HFE (N355/N355K)	
IC901	8-759-331-39	IC M62427FP		Q1208	8-729-140-82	TRANSISTOR 2SA988-PAFAEA (D570)	
IC902	8-759-634-51	IC M5218AP		Q1311	8-729-119-76	TRANSISTOR 2SA1175-HFE (D570)	
IC1001	8-759-231-53	IC TA7805S		Q1312	8-729-116-84	TRANSISTOR 2SD1616-U (D570)	
IC1002	8-759-604-86	IC M5F7807L		< RESISTOR >			
IC1003	8-759-604-86	IC M5F7807L		R201	1-249-415-11	CARBON 680 5% 1/4W F	
IC1004	8-759-604-90	IC M5F7907L		R202	1-249-435-11	CARBON 33K 5% 1/4W	
IC1202	8-759-111-68	IC uPC1237HA		R203	1-249-425-11	CARBON 4.7K 5% 1/4W F	
< JACK >				R206	1-249-425-11	CARBON 4.7K 5% 1/4W F	
J801	1-695-188-31	JACK, PIN 4P (PHONO IN, VIDEO(AUDIO) IN)		R207	1-249-425-11	CARBON 4.7K 5% 1/4W F	
< COIL >				R208	1-249-425-11	CARBON 4.7K 5% 1/4W F	
L214	1-412-473-21	INDUCTOR (D570:US)		R251	1-249-415-11	CARBON 680 5% 1/4W F	
L1201	1-420-872-00	COIL, AIR-CORE		R252	1-249-435-11	CARBON 33K 5% 1/4W	
L1251	1-420-872-00	COIL, AIR-CORE		R301	1-249-430-11	CARBON 12K 5% 1/4W	
< TRANSISTOR >				R302	1-249-431-11	CARBON 15K 5% 1/4W	
Q301	8-729-119-78	TRANSISTOR 2SC403SP-51		R303	1-249-432-11	CARBON 18K 5% 1/4W	
Q351	8-729-119-78	TRANSISTOR 2SC403SP-51				(D570/N355:AEP, UK, G, IT, EE)	
Q401	8-729-119-78	TRANSISTOR 2SC403SP-51		R304	1-249-428-11	CARBON 8.2K 5% 1/4W F	
Q402	8-729-900-65	TRANSISTOR DTA144ES		R305	1-249-425-11	CARBON 4.7K 5% 1/4W F	
Q403	8-729-801-93	TRANSISTOR 2SD1387		R306	1-247-840-00	CARBON 2.4K 5% 1/4W	
Q406	8-729-900-80	TRANSISTOR DTC114ES		R307	1-247-863-91	CARBON 22K 5% 1/4W	
Q407	8-729-422-57	TRANSISTOR UN4111		R308	1-249-421-11	CARBON 2.2K 5% 1/4W F	
Q408	8-729-119-76	TRANSISTOR 2SA1175-HFE		R309	1-249-428-11	CARBON 8.2K 5% 1/4W F	
Q409	8-729-900-80	TRANSISTOR DTC114ES		R310	1-249-417-11	CARBON 1K 5% 1/4W F	
Q410	8-729-900-65	TRANSISTOR DTA144ES		R351	1-249-430-11	CARBON 12K 5% 1/4W	
Q411	8-729-900-65	TRANSISTOR DTA144ES		R352	1-249-431-11	CARBON 15K 5% 1/4W	
Q412	8-729-900-65	TRANSISTOR DTA144ES		R354	1-249-428-11	CARBON 8.2K 5% 1/4W F	
Q701	8-729-119-78	TRANSISTOR 2SC403SP-51		R355	1-249-425-11	CARBON 4.7K 5% 1/4W F	
Q820	8-729-422-57	TRANSISTOR UN4111		R356	1-247-840-00	CARBON 2.4K 5% 1/4W	
Q823	8-729-422-57	TRANSISTOR UN4111		R357	1-247-863-91	CARBON 22K 5% 1/4W	
Q901	8-729-119-78	TRANSISTOR 2SC403SP-51		R358	1-249-421-11	CARBON 2.2K 5% 1/4W F	
Q902	8-729-119-78	TRANSISTOR 2SC403SP-51		R359	1-249-428-11	CARBON 8.2K 5% 1/4W F	
Q951	8-729-119-78	TRANSISTOR 2SC403SP-51		R360	1-249-417-11	CARBON 1K 5% 1/4W F	
Q952	8-729-119-78	TRANSISTOR 2SC403SP-51		R401	1-249-425-11	CARBON 4.7K 5% 1/4W F	
Q953	8-729-141-26	TRANSISTOR 2SC3622A-LK		R402	1-249-425-11	CARBON 4.7K 5% 1/4W F	
Q954	8-729-141-26	TRANSISTOR 2SC3622A-LK		R403	1-249-425-11	CARBON 4.7K 5% 1/4W F	
				R404	1-249-417-11	CARBON 1K 5% 1/4W F	
				R405	1-249-437-11	CARBON 47K 5% 1/4W	
				R406	1-249-437-11	CARBON 47K 5% 1/4W	
				R407	1-249-437-11	CARBON 47K 5% 1/4W	

MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R408	1-249-437-11	CARBON	47K 5% 1/4W	R732	1-247-807-31	CARBON	100 5% 1/4W
R409	1-249-429-11	CARBON	10K 5% 1/4W	R733	1-247-807-31	CARBON	100 5% 1/4W
R410	1-247-882-11	CARBON	130K 5% 1/4W	R734	1-247-807-31	CARBON	100 5% 1/4W
R411	1-247-866-11	CARBON	30K 5% 1/4W	R735	1-247-807-31	CARBON	100 5% 1/4W
R412	1-249-429-11	CARBON	10K 5% 1/4W	R736	1-247-807-31	CARBON	100 5% 1/4W
R413	1-247-864-11	CARBON	24K 5% 1/4W	R737	1-247-807-31	CARBON	100 5% 1/4W
R414	1-249-429-11	CARBON	10K 5% 1/4W	R740	1-249-423-11	CARBON	3.3K 5% 1/4W F
R415	1-249-429-11	CARBON	10K 5% 1/4W			(N355:E, MX, AR, AUS, PX/N355K:E, MY, SP, TH, IA)	
R416	1-249-429-11	CARBON	10K 5% 1/4W	R740	1-249-427-11	CARBON	6.8K 5% 1/4W F
R417	1-249-429-11	CARBON	10K 5% 1/4W			(N355:G, IT/N355K:EA)	
R418	1-249-429-11	CARBON	10K 5% 1/4W	R740	1-249-429-11	CARBON	10K 5% 1/4W
R419	1-249-429-11	CARBON	10K 5% 1/4W			(N355:AEP, UK)	
R420	1-249-429-11	CARBON	10K 5% 1/4W	R740	1-249-435-11	CARBON	33K 5% 1/4W (N355:EE)
R421	1-249-429-11	CARBON	10K 5% 1/4W	R741	1-249-423-11	CARBON	3.3K 5% 1/4W F
R454	1-247-863-91	CARBON	22K 5% 1/4W			(N355:AEP, UK, G, IT)	
R455	1-247-863-91	CARBON	22K 5% 1/4W	R741	1-249-429-11	CARBON	10K 5% 1/4W
R456	1-249-411-11	CARBON	330 5% 1/4W			(N355:MX, AR, AUS, PX, EE/N355K:E, MY, SP, TH, IA)	
R457	1-249-427-11	CARBON	6.8K 5% 1/4W F	R741	1-249-435-11	CARBON	33K 5% 1/4W (N355K:EA)
R458	1-249-429-11	CARBON	10K 5% 1/4W	R743	1-247-807-31	CARBON	100 5% 1/4W
R461	1-249-417-11	CARBON	1K 5% 1/4W F	R744	1-247-807-31	CARBON	100 5% 1/4W
R701	1-249-429-11	CARBON	10K 5% 1/4W	R745	1-247-807-31	CARBON	100 5% 1/4W
R702	1-249-437-11	CARBON	47K 5% 1/4W	R746	1-249-429-11	CARBON	10K 5% 1/4W
R703	1-249-437-11	CARBON	47K 5% 1/4W	R747	1-249-429-11	CARBON	10K 5% 1/4W
R704	1-249-429-11	CARBON	10K 5% 1/4W	R748	1-249-429-11	CARBON	10K 5% 1/4W
R705	1-249-429-11	CARBON	10K 5% 1/4W	R749	1-249-429-11	CARBON	10K 5% 1/4W
R708	1-249-429-11	CARBON	10K 5% 1/4W	R750	1-247-807-31	CARBON	100 5% 1/4W
R709	1-249-429-11	CARBON	10K 5% 1/4W	R751	1-247-807-31	CARBON	100 5% 1/4W
R710	1-249-429-11	CARBON	10K 5% 1/4W	R752	1-247-807-31	CARBON	100 5% 1/4W
R711	1-249-429-11	CARBON	10K 5% 1/4W	R753	1-247-807-31	CARBON	100 5% 1/4W
R712	1-249-429-11	CARBON	10K 5% 1/4W	R754	1-247-807-31	CARBON	100 5% 1/4W
R713	1-249-429-11	CARBON	10K 5% 1/4W	R755	1-247-807-31	CARBON	100 5% 1/4W
R714	1-249-429-11	CARBON	10K 5% 1/4W	R756	1-249-429-11	CARBON	10K 5% 1/4W
R715	1-249-429-11	CARBON	10K 5% 1/4W	R757	1-247-807-31	CARBON	100 5% 1/4W
R716	1-247-807-31	CARBON	100 5% 1/4W	R758	1-247-807-31	CARBON	100 5% 1/4W
R717	1-247-807-31	CARBON	100 5% 1/4W	R759	1-247-807-31	CARBON	100 5% 1/4W
R718	1-247-807-31	CARBON	100 5% 1/4W	R760	1-247-807-31	CARBON	100 5% 1/4W
R719	1-247-807-31	CARBON	100 5% 1/4W	R761	1-247-807-31	CARBON	100 5% 1/4W
R720	1-247-807-31	CARBON	100 5% 1/4W	R762	1-249-429-11	CARBON	10K 5% 1/4W
R721	1-247-807-31	CARBON	100 5% 1/4W	R763	1-249-429-11	CARBON	10K 5% 1/4W
R724	1-247-807-31	CARBON	100 5% 1/4W	R764	1-249-429-11	CARBON	10K 5% 1/4W
R725	1-247-807-31	CARBON	100 5% 1/4W	R801	1-249-417-11	CARBON	1K 5% 1/4W F
R726	1-247-807-31	CARBON	100 5% 1/4W			(N355:AEP, UK, G, IT, EE)	
R727	1-247-807-31	CARBON	100 5% 1/4W	R802	1-249-417-11	CARBON	1K 5% 1/4W F
R728	1-247-807-31	CARBON	100 5% 1/4W	R803	1-249-437-11	CARBON	47K 5% 1/4W
R729	1-247-807-31	CARBON	100 5% 1/4W	R804	1-249-417-11	CARBON	1K 5% 1/4W F
R730	1-247-807-31	CARBON	100 5% 1/4W	R805	1-247-897-11	CARBON	560K 5% 1/4W
R731	1-247-807-31	CARBON	100 5% 1/4W	R806	1-249-437-11	CARBON	47K 5% 1/4W
				R807	1-249-417-11	CARBON	1K 5% 1/4W F
				R808	1-249-441-11	CARBON	100K 5% 1/4W
				R809	1-247-815-91	CARBON	220 5% 1/4W
						(N355:AEP, UK, G, IT, EE)	

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R821	1-249-417-11	CARBON	1K 5% 1/4W F	R956	1-247-895-91	CARBON	470K 5% 1/4W
R822	1-249-441-11	CARBON	100K 5% 1/4W	R957	1-249-437-11	CARBON	47K 5% 1/4W
R825	1-247-887-00	CARBON	220K 5% 1/4W				
R826	1-249-441-11	CARBON	100K 5% 1/4W	R958	1-249-429-11	CARBON	10K 5% 1/4W
R829	1-249-421-11	CARBON	2. 2K 5% 1/4W F	R959	1-249-411-11	CARBON	330 5% 1/4W
				R960	1-249-429-11	CARBON	10K 5% 1/4W
R830	1-249-429-11	CARBON	10K 5% 1/4W	R961	1-249-421-11	CARBON	2. 2K 5% 1/4W F
R851	1-249-417-11	CARBON	1K 5% 1/4W F	R962	1-249-441-11	CARBON	100K 5% 1/4W
		(N355:AEP, UK, G, IT, EE)					
R852	1-249-417-11	CARBON	1K 5% 1/4W F	R963	1-249-429-11	CARBON	10K 5% 1/4W
R853	1-249-437-11	CARBON	47K 5% 1/4W	R964	1-249-437-11	CARBON	47K 5% 1/4W
R854	1-249-417-11	CARBON	1K 5% 1/4W F	R965	1-249-441-11	CARBON	100K 5% 1/4W
				R966	1-249-441-11	CARBON	100K 5% 1/4W
R855	1-247-897-11	CARBON	560K 5% 1/4W	R967	1-247-903-00	CARBON	1M 5% 1/4W(N355K:MY)
R856	1-249-437-11	CARBON	47K 5% 1/4W				
R857	1-249-417-11	CARBON	1K 5% 1/4W F	R968	1-249-429-11	CARBON	10K 5% 1/4W
R858	1-249-441-11	CARBON	100K 5% 1/4W	R970	1-247-903-00	CARBON	1M 5% 1/4W
R859	1-247-815-91	CARBON	220 5% 1/4W	R1001	1-249-421-11	CARBON	2. 2K 5% 1/4W F
		(N355:AEP, UK, G, IT, EE)		R1002	1-247-815-91	CARBON	220 5% 1/4W
				R1003	1-249-417-11	CARBON	1K 5% 1/4W F
R871	1-249-417-11	CARBON	1K 5% 1/4W F				
R872	1-249-441-11	CARBON	100K 5% 1/4W	R1007	1-249-417-11	CARBON	1K 5% 1/4W F
R901	1-249-425-11	CARBON	4. 7K 5% 1/4W F	R1020	1-247-815-91	CARBON	220 5% 1/4W
R902	1-249-425-11	CARBON	4. 7K 5% 1/4W F	R1021	1-247-815-91	CARBON	220 5% 1/4W
R903	1-249-437-11	CARBON	47K 5% 1/4W	R1022	1-249-421-11	CARBON	2. 2K 5% 1/4W F
				R1023	1-249-417-11	CARBON	1K 5% 1/4W F
R905	1-249-441-11	CARBON	100K 5% 1/4W				
R906	1-247-895-91	CARBON	470K 5% 1/4W	R1220	1-249-389-11	CARBON	4. 7 5% 1/4W F
R907	1-249-437-11	CARBON	47K 5% 1/4W	R1221	1-249-389-11	CARBON	4. 7 5% 1/4W F
R908	1-249-429-11	CARBON	10K 5% 1/4W	R1222	1-247-815-91	CARBON	220 5% 1/4W (N355K)
R909	1-249-411-11	CARBON	330 5% 1/4W	R1222	1-260-091-11	CARBON	220 5% 1/2W (N355)
				R1222	1-260-093-11	CARBON	330 5% 1/2W (D570)
R910	1-249-429-11	CARBON	10K 5% 1/4W				
R911	1-249-421-11	CARBON	2. 2K 5% 1/4W F	R1223	1-247-815-91	CARBON	220 5% 1/4W (N355K)
R912	1-249-441-11	CARBON	100K 5% 1/4W	R1223	1-260-091-11	CARBON	220 5% 1/2W (N355)
R913	1-249-429-11	CARBON	10K 5% 1/4W	R1223	1-260-093-11	CARBON	330 5% 1/2W (D570)
R914	1-249-437-11	CARBON	47K 5% 1/4W	△R1226	1-215-917-11	METAL OXIDE	1K 5% 3W F
							(D570:US)
R915	1-249-441-11	CARBON	100K 5% 1/4W	△R1226	1-216-456-00	METAL OXIDE	820 5% 2W F
R916	1-249-441-11	CARBON	100K 5% 1/4W				(N355/N355K)
R917	1-247-903-00	CARBON	1M 5% 1/4W				
R918	1-249-429-11	CARBON	10K 5% 1/4W	△R1226	1-215-891-11	METAL OXIDE	680 5% 2W F
R920	1-249-441-11	CARBON	100K 5% 1/4W				(D570:CND)
				R1233	1-247-854-11	CARBON	9. 1K 5% 1/4W (D570)
R930	1-249-429-11	CARBON	10K 5% 1/4W	R1233	1-249-425-11	CARBON	4. 7K 5% 1/4W F
R931	1-249-429-11	CARBON	10K 5% 1/4W				(N355/N355K)
R932	1-249-429-11	CARBON	10K 5% 1/4W	R1234	1-247-854-11	CARBON	9. 1K 5% 1/4W (D570)
R933	1-247-887-00	CARBON	220K 5% 1/4W	R1234	1-249-425-11	CARBON	4. 7K 5% 1/4W F
R935	1-249-437-11	CARBON	47K 5% 1/4W				(N355/N355K)
R938	1-247-807-31	CARBON	100 5% 1/4W	R1235	1-249-435-11	CARBON	33K 5% 1/4W
R940	1-249-429-11	CARBON	10K 5% 1/4W				(N355/N355K)
R941	1-249-429-11	CARBON	10K 5% 1/4W	R1235	1-249-437-11	CARBON	47K 5% 1/4W (D570)
R942	1-249-429-11	CARBON	10K 5% 1/4W	R1236	1-249-441-11	CARBON	100K 5% 1/4W
R951	1-249-425-11	CARBON	4. 7K 5% 1/4W F	R1237	1-249-429-11	CARBON	10K 5% 1/4W
		(D570/N355)		R1238	1-249-419-11	CARBON	1. 5K 5% 1/4W F
R952	1-249-425-11	CARBON	4. 7K 5% 1/4W F	R1240	1-249-438-11	CARBON	56K 5% 1/4W
R953	1-249-437-11	CARBON	47K 5% 1/4W	R1241	1-247-791-91	CARBON	22 5% 1/4W
R955	1-249-441-11	CARBON	100K 5% 1/4W				

The components identified by mark Δ or dotted line with mark Δ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque Δ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R1245	1-247-863-91	CARBON 22K 5% 1/4W (D570/N355/N355K:E, EA, SP, TH, IA)		X702	1-567-098-41	VIBRATOR, CRYSTAL (32kHz)	
R1248	1-249-389-11	CARBON 4.7 5% 1/4W F (N355:AEP, UK, G, IT, EE)		*****			
R1249	1-249-389-11	CARBON 4.7 5% 1/4W F (N355:AEP, UK, G, IT, EE)		*	A-2007-435-A	MD BOARD, COMPLETE ***** (including MOTOR board)	
R1250	1-249-429-11	CARBON 10K 5% 1/4W				MOTOR BOARD	
R1264	1-249-429-11	CARBON 10K 5% 1/4W				< CAPACITOR >	
R1265	1-249-429-11	CARBON 10K 5% 1/4W					
R1266	1-249-429-11	CARBON 10K 5% 1/4W					
R1267	1-249-429-11	CARBON 10K 5% 1/4W					
R1270	1-249-389-11	CARBON 4.7 5% 1/4W F		C301	1-162-289-31	CERAMIC 390PF 10% 50V	
R1271	1-249-389-11	CARBON 4.7 5% 1/4W F		C302	1-126-968-11	ELECT 100uF 20% 6.3V	
R1272	1-247-815-91	CARBON 220 5% 1/4W (N355K)		C303	1-162-282-31	CERAMIC 100PF 10% 50V	
R1272	1-260-091-11	CARBON 220 5% 1/2W (N355)		C304	1-130-483-00	MYLAR 0.01uF 5% 50V	
R1272	1-260-093-11	CARBON 330 5% 1/2W (D570)		C305	1-107-715-11	ELECT 22uF 20% 16V	
R1273	1-247-815-91	CARBON 220 5% 1/4W (N355K)		C311	1-162-289-31	CERAMIC 390PF 10% 50V	
R1273	1-260-091-11	CARBON 220 5% 1/2W (N355)		C313	1-162-282-31	CERAMIC 100PF 10% 50V	
R1273	1-260-093-11	CARBON 330 5% 1/2W (D570)		C314	1-130-487-00	MYLAR 0.022uF 5% 50V	
R1290	1-249-437-11	CARBON 47K 5% 1/4W		C315	1-126-233-11	ELECT 22uF 20% 50V	
R1295	1-247-863-91	CARBON 22K 5% 1/4W		C331	1-137-427-11	FILM 120PF 5% 50V	
R1298	1-249-389-11	CARBON 4.7 5% 1/4W F (N355:AEP, UK, G, IT, EE)		C332	1-162-288-31	CERAMIC 330PF 10% 50V	
R1299	1-249-389-11	CARBON 4.7 5% 1/4W F (N355:AEP, UK, G, IT, EE)		C333	1-162-209-31	CERAMIC 27PF 5% 50V	
R1303	1-249-425-11	CARBON 4.7K 5% 1/4W F		C401	1-162-289-31	CERAMIC 390PF 10% 50V	
R1304	1-249-425-11	CARBON 4.7K 5% 1/4W F		C402	1-126-968-11	ELECT 100uF 20% 6.3V	
R1311	1-249-425-11	CARBON 4.7K 5% 1/4W F (D570)		C403	1-162-282-31	CERAMIC 100PF 10% 50V	
R1312	1-249-441-11	CARBON 100K 5% 1/4W (D570)		C404	1-130-483-00	MYLAR 0.01uF 5% 50V	
R1313	1-249-421-11	CARBON 2.2K 5% 1/4W F (D570)		C405	1-107-715-11	ELECT 22uF 20% 16V	
R1321	1-249-431-11	CARBON 15K 5% 1/4W (D570)		C411	1-162-289-31	CERAMIC 390PF 10% 50V	
R1371	1-249-431-11	CARBON 15K 5% 1/4W (D570)		C413	1-162-282-31	CERAMIC 100PF 10% 50V	
		< VARIABLE RESISTOR >		C414	1-130-487-00	MYLAR 0.022uF 5% 50V	
RV301	1-238-600-11	RES, ADJ, CARBON 10K		C415	1-126-233-11	ELECT 22uF 20% 50V	
RV351	1-238-600-11	RES, ADJ, CARBON 10K		C431	1-137-427-11	FILM 120PF 5% 50V	
		< RELAY >		C432	1-162-288-31	CERAMIC 330PF 10% 50V	
RY1201	1-515-356-00	RELAY (D570)		C433	1-162-209-31	CERAMIC 27PF 5% 50V	
RY1201	1-515-920-11	RELAY (24V) (N355/N355K)		C601	1-126-157-11	ELECT 10uF 20% 16V	
		< TERMINAL >		C602	1-126-157-11	ELECT 10uF 20% 16V	
TM1201	1-537-240-31	TERMINAL BOARD (CHECKER PIN) (SPEAKER) (D570/N355:E, MX, AR, AUS, PX/N355K)		C611	1-124-907-11	ELECT 10uF 20% 50V	
TM1201	1-537-801-11	TERMINAL BOARD (SPEAKER) (N355:AEP, UK, G, IT, EE)		C612	1-124-907-11	ELECT 10uF 20% 50V	
TM1202	1-537-240-31	TERMINAL BOARD (CHECKER PIN) (SURROUND SPEAKER)		C621	1-137-150-11	FILM 0.01uF 5% 100V	
		< VIBRATOR >		C622	1-126-961-11	ELECT 2.2uF 20% 50V	
X701	1-579-175-11	VIBRATOR, CERAMIC (10MHz)		C623	1-136-155-00	FILM 0.015uF 5% 50V	
				C624	1-130-481-00	MYLAR 0.0068uF 5% 50V	
				C625	1-130-481-00	MYLAR 0.0068uF 5% 50V	
				C627	1-124-903-11	ELECT 1uF 20% 50V	
				C628	1-136-153-00	FILM 0.01uF 5% 50V	
				C642	1-104-664-11	ELECT 47uF 20% 16V	
				C651	1-161-494-00	CERAMIC 0.022uF 25V	
						< CONNECTOR >	
				* CN601	1-568-864-11	SOCKET, CONNECTOR 21P	

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
* CN602	1-564-718-11	PIN, CONNECTOR (SMALL TYPE) 2P		R623	1-249-432-11	CARBON 18K 5% 1/4W	
* CN651	1-564-521-11	PLUG, CONNECTOR 6P		R624	1-249-432-11	CARBON 18K 5% 1/4W	
< IC >				R625	1-249-429-11	CARBON 10K 5% 1/4W	
IC601	8-759-710-59	IC NJM4580D-D		R651	1-247-856-00	CARBON 11K 5% 1/4W	
IC602	8-759-143-54	IC uPC1330HA		R652	1-247-856-00	CARBON 11K 5% 1/4W	
IC611	8-759-710-59	IC NJM4580D-D		R653	1-249-441-11	CARBON 100K 5% 1/4W	
< COIL >				< VARIABLE RESISTOR >			
L331	1-410-780-11	INDUCTOR 27mH		RV301	1-238-598-11	RES, ADJ, CARBON 2.2K	
L431	1-410-780-11	INDUCTOR 27mH		RV311	1-238-598-11	RES, ADJ, CARBON 2.2K	
< MOTOR >				RV341	1-238-551-11	RES, ADJ, CARBON 220K	
M2	X-3369-111-1	MOTOR ASSY (TRIGGER)		RV401	1-238-598-11	RES, ADJ, CARBON 2.2K	
< TRANSISTOR >				RV411	1-238-598-11	RES, ADJ, CARBON 2.2K	
Q621	8-729-142-46	TRANSISTOR 2SC2001-LK		RV441	1-238-551-11	RES, ADJ, CARBON 220K	
Q622	8-729-142-46	TRANSISTOR 2SC2001-LK		RV651	1-238-599-11	RES, ADJ, CARBON 4.7K	
Q623	8-729-801-93	TRANSISTOR 2SD1387		RV652	1-238-599-11	RES, ADJ, CARBON 4.7K	
Q651	8-729-900-65	TRANSISTOR DTA144ES		< TRANSFORMER >			
< RESISTOR >				T621	1-423-980-11	TRANSFORMER, BIAS OSCILLATION	
R301	1-247-881-00	CARBON 120K 5% 1/4W		*****			
R302	1-249-409-11	CARBON 220 5% 1/4W F		* 1-659-414-11	MIC BOARD (N355:E, MX, AR, AUS, PX/N355K)		
R303	1-249-433-11	CARBON 22K 5% 1/4W		*****			
R304	1-247-889-00	CARBON 270K 5% 1/4W		< CAPACITOR >			
R305	1-247-858-11	CARBON 13K 5% 1/4W		C901	1-162-306-11	CERAMIC 0.01uF 30% 16V	
R311	1-247-881-00	CARBON 120K 5% 1/4W		C903	1-162-294-31	CERAMIC 0.001uF 10% 50V	
R312	1-247-807-31	CARBON 100 5% 1/4W		C904	1-124-257-00	ELECT 2.2uF 20% 50V	
R314	1-247-882-11	CARBON 130K 5% 1/4W		C905	1-162-215-31	CERAMIC 47PF 5% 50V	
R315	1-247-850-11	CARBON 6.2K 5% 1/4W		C906	1-162-290-31	CERAMIC 470PF 10% 50V	
R331	1-249-430-11	CARBON 12K 5% 1/4W		C907	1-136-160-00	FILM 0.039uF 5% 50V	
R401	1-247-881-00	CARBON 120K 5% 1/4W		C908	1-124-257-00	ELECT 2.2uF 20% 50V	
R402	1-249-409-11	CARBON 220 5% 1/4W F		C909	1-162-215-31	CERAMIC 47PF 5% 50V	
R403	1-249-433-11	CARBON 22K 5% 1/4W		C910	1-162-286-21	CERAMIC 220PF 10% 50V	
R404	1-247-889-00	CARBON 270K 5% 1/4W		(N355:E, MX, AR, AUS, PX)			
R405	1-247-858-11	CARBON 13K 5% 1/4W		C910	1-162-290-31	CERAMIC 470PF 10% 50V (N355K)	
R411	1-247-881-00	CARBON 120K 5% 1/4W		C911	1-126-963-11	ELECT 4.7uF 20% 50V	
R412	1-247-807-31	CARBON 100 5% 1/4W		C921	1-162-306-11	CERAMIC 0.01uF 30% 16V (N355K)	
R414	1-247-882-11	CARBON 130K 5% 1/4W		C931	1-126-157-11	ELECT 10uF 20% 16V (N355K)	
R415	1-247-850-11	CARBON 6.2K 5% 1/4W		C931	1-126-964-11	ELECT 10uF 20% 50V	
R431	1-249-430-11	CARBON 12K 5% 1/4W		(N355:E, MX, AR, AUS, PX)			
R601	1-249-409-11	CARBON 220 5% 1/4W F		C941	1-126-157-11	ELECT 10uF 20% 16V (N355K)	
R602	1-249-409-11	CARBON 220 5% 1/4W F		(N355:E, MX, AR, AUS, PX)			
R608	1-249-409-11	CARBON 220 5% 1/4W F		C941	1-126-964-11	ELECT 10uF 20% 50V	
R609	1-249-433-11	CARBON 22K 5% 1/4W		(N355:E, MX, AR, AUS, PX)			
R611	1-249-409-11	CARBON 220 5% 1/4W F		C991	1-164-159-21	CERAMIC 0.1uF 50V	
R612	1-249-409-11	CARBON 220 5% 1/4W F		(N355:E, MX, AR, AUS, PX/N355K)			
△R621	1-212-851-00	FUSIBLE 5.6 5% 1/4W F		< IC >			
△R622	1-212-851-00	FUSIBLE 5.6 5% 1/4W F		IC901	8-759-634-51	IC M5218AP	

The components identified by mark △ or dotted line with mark △ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque △ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

MIC PANEL

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
< JACK >							
J901	1-573-151-11	JACK, LARGE TYPE (MIC) (N355:E, MX, AR, AUS, PX)		C506	1-124-584-11	ELECT 100uF 20% 10V	
J901	1-573-151-11	JACK, LARGE TYPE (MIC 1) (N355K)		C511	1-164-159-21	CERAMIC 0.1uF 50V	
J902	1-573-151-11	JACK, LARGE TYPE (MIC 2) (N355K)		C512	1-164-159-21	CERAMIC 0.1uF 50V	
< RESISTOR >				C513	1-164-159-21	CERAMIC 0.1uF 50V	
R901	1-249-429-11	CARBON 10K 5% 1/4W		C514	1-164-159-21	CERAMIC 0.1uF 50V	
R902	1-249-417-11	CARBON 1K 5% 1/4W F		C515	1-126-793-11	ELECT 33uF 20% 35V	
R903	1-249-441-11	CARBON 100K 5% 1/4W		C518	1-126-157-11	ELECT 10uF 20% 16V	
R904	1-249-417-11	CARBON 1K 5% 1/4W F		C519	1-164-159-21	CERAMIC 0.1uF 50V	
R905	1-247-863-91	CARBON 22K 5% 1/4W		C520	1-164-159-21	CERAMIC 0.1uF 50V	
R906	1-247-840-00	CARBON 2.4K 5% 1/4W (N355K)		C521	1-164-159-21	CERAMIC 0.1uF 50V	
R906	1-249-421-11	CARBON 2.2K 5% 1/4W F (N355:E, MX, AR, AUS, PX)		C522	1-164-159-21	CERAMIC 0.1uF 50V	
R907	1-247-863-91	CARBON 22K 5% 1/4W (N355K)		C523	1-126-177-11	ELECT 100uF 20% 10V	
R907	1-249-436-11	CARBON 39K 5% 1/4W (N355:E, MX, AR, AUS, PX)		C524	1-126-177-11	ELECT 100uF 20% 10V	
R911	1-249-441-11	CARBON 100K 5% 1/4W (N355K)		C545	1-162-306-11	CERAMIC 0.01uF 30% 16V	
R921	1-249-429-11	CARBON 10K 5% 1/4W (N355K)		C546	1-162-306-11	CERAMIC 0.01uF 30% 16V	
R922	1-249-417-11	CARBON 1K 5% 1/4W F (N355K)		C547	1-126-157-11	ELECT 10uF 20% 16V	
R931	1-247-887-00	CARBON 220K 5% 1/4W		C549	1-126-177-11	ELECT 100uF 20% 10V	
< VARIABLE RESISTOR >				C591	1-164-159-21	CERAMIC 0.1uF 50V	
RV901	1-223-983-11	RES, VAR, CARBON 50K		C601	1-126-157-11	ELECT 10uF 20% 16V	
*****				C832	1-130-473-00	MYLAR 0.0015uF 5% 50V (N355:E, MX, AR, AUS, PX/N355K)	
*	A-4389-673-A	PANEL BOARD, COMPLETE ***** (D570/N355:AEP, UK, G, IT, EE)		C833	1-126-301-11	ELECT 1uF 20% 50V (N355:E, MX, AR, AUS, PX/N355K)	
*	A-4389-678-A	PANEL BOARD, COMPLETE ***** (N355:E, MX, AR, AUS, PX)		C834	1-130-479-00	MYLAR 0.0047uF 5% 50V (N355:E, MX, AR, AUS, PX/N355K)	
*	A-4390-148-A	PANEL BOARD, COMPLETE (N355K:MY) *****		C835	1-126-301-11	ELECT 1uF 20% 50V (N355:E, MX, AR, AUS, PX/N355K)	
*	A-4390-155-A	PANEL BOARD, COMPLETE (N355K:E, EA, SP, IA) *****		C836	1-136-495-11	FILM 0.068uF 5% 50V (N355:E, MX, AR, AUS, PX/N355K)	
*	A-4390-205-A	PANEL BOARD, COMPLETE (N355K:TH) *****		C837	1-126-786-11	ELECT 47uF 20% 16V (N355:E, MX, AR, AUS, PX/N355K)	
	4-971-014-11	HOLDER, FL TUBE		C838	1-136-165-00	FILM 0.1uF 5% 50V (N355:E, MX, AR, AUS, PX/N355K)	
< CAPACITOR >				C839	1-136-165-00	FILM 0.1uF 5% 50V (N355:E, MX, AR, AUS, PX/N355K)	
C501	1-126-160-11	ELECT 1uF 20% 50V		C840	1-162-305-11	CERAMIC 0.0068uF 30% 16V (N355:E, MX, AR, AUS, PX/N355K)	
C502	1-164-159-21	CERAMIC 0.1uF 50V		C841	1-136-495-11	FILM 0.068uF 5% 50V (N355:E, MX, AR, AUS, PX/N355K)	
C503	1-126-160-11	ELECT 1uF 20% 50V		C842	1-130-479-00	MYLAR 0.0047uF 5% 50V (N355:E, MX, AR, AUS, PX/N355K)	
C504	1-164-159-21	CERAMIC 0.1uF 50V		C843	1-130-473-00	MYLAR 0.0015uF 5% 50V (N355:E, MX, AR, AUS, PX/N355K)	
C505	1-162-294-31	CERAMIC 0.001uF 10% 50V		C844	1-126-786-11	ELECT 1uF 20% 50V (N355:E, MX, AR, AUS, PX/N355K)	
				C845	1-161-494-00	CERAMIC 0.022uF 25V (N355:E, MX, AR, AUS, PX/N355K)	
				C846	1-126-177-11	ELECT 100uF 20% 10V (N355:E, MX, AR, AUS, PX/N355K)	
				C847	1-164-159-11	CERAMIC 0.1uF 50V (N355:E, MX, AR, AUS, PX/N355K)	
				C848	1-162-290-31	CERAMIC 470PF 10% 50V (N355:E, MX, AR, AUS, PX/N355K)	

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C849	1-162-290-31	CERAMIC	470PF 10% 50V (N355:E, MX, AR, AUS, PX/N355K)	< DIODE >			
C850	1-126-177-11	ELECT	100uF 20% 10V (N355:E, MX, AR, AUS, PX/N355K)	D511	8-719-987-63	DIODE 1N4148M	
C861	1-126-096-11	ELECT	10uF 20% 35V (N355:E, MX, AR, AUS, PX/N355K)	D512	8-719-987-63	DIODE 1N4148M	
C862	1-126-096-11	ELECT	10uF 20% 35V (N355:E, MX, AR, AUS, PX/N355K)	D601	8-719-058-03	DIODE SEL5423E-TP15 (TUNER/BAND)	
C863	1-164-159-11	CERAMIC	0.1uF 50V (N355:E, MX, AR, AUS, PX/N355K)	D602	8-719-058-03	DIODE SEL5423E-TP15 (TUNER/BAND)	
C864	1-126-157-11	ELECT	10uF 20% 16V (N355:E, MX, AR, AUS, PX/N355K)	D611	8-719-058-04	DIODE SEL5223S-TP15 (EFFECT)	
C865	1-164-159-11	CERAMIC	0.1uF 50V (N355:E, MX, AR, AUS, PX/N355K)	D612	8-719-058-04	DIODE SEL5223S-TP15 (ROCK, GAME)	
C867	1-124-455-00	ELECT	100uF 20% 16V (N355:E, MX, AR, AUS, PX/N355K)	D613	8-719-058-04	DIODE SEL5223S-TP15 (POPS, DANCE)	
C882	1-162-215-31	CERAMIC	47PF 5% 50V (N355:E, MX, AR, AUS, PX/N355K)	D614	8-719-058-04	DIODE SEL5223S-TP15 (JAZZ, STADIUM)	
C884	1-162-290-31	CERAMIC	470PF 10% 50V (N355:E, MX, AR, AUS, PX/N355K)	D615	8-719-058-04	DIODE SEL5223S-TP15 (CLASSIC, STUDIO)	
C885	1-162-282-31	CERAMIC	100PF 10% 50V (N355:E, MX, AR, AUS, PX/N355K)	D616	8-719-058-04	DIODE SEL5223S-TP15 (SALSA, CHURCH)	
C886	1-124-257-00	ELECT	2.2uF 20% 50V (N355:E, MX, AR, AUS, PX/N355K)	D617	8-719-058-04	DIODE SEL5223S-TP15 (P FILE)	
C887	1-162-215-31	CERAMIC	47PF 5% 50V (N355:E, MX, AR, AUS, PX/N355K)	D618	8-719-058-04	DIODE SEL5223S-TP15 (MORE 5)	
C3002	1-164-159-21	CERAMIC	0.1uF 50V	D619	8-719-057-09	DIODE LNJ801LPDJA (ENTER/NEXT)	
C3010	1-162-294-31	CERAMIC	0.001uF 10% 50V	D620	8-719-058-04	DIODE SEL5223S-TP15 (SELECT 5)	
C3034	1-124-584-00	ELECT	100uF 20% 10V	D621	8-719-057-97	DIODE SEL5923A-TP15 (ECHO) (N355K)	
C3046	1-124-584-00	ELECT	100uF 20% 10V	D622	8-719-058-04	DIODE SEL5223S-TP15 (KEY CONTROL)	(N355K)
C3047	1-164-159-21	CERAMIC	0.1uF 50V	D861	8-719-987-63	DIODE 1N4148M	(N355:E, MX, AR, AUS, PX/N355K)
C3048	1-126-177-11	ELECT	100uF 20% 10V	D862	8-719-987-63	DIODE 1N4148M	(N355:E, MX, AR, AUS, PX/N355K)
C3049	1-164-159-21	CERAMIC	0.1uF 50V	D3026	8-719-987-63	DIODE 1N4148M	
C3201	1-126-163-11	ELECT	4.7uF 20% 50V	D3027	8-719-987-63	DIODE 1N4148M	
C3202	1-136-169-00	FILM	0.22uF 5% 50V	D3028	8-719-987-63	DIODE 1N4148M	
C3203	1-124-464-11	ELECT	0.22uF 20% 50V	D3029	8-719-987-63	DIODE 1N4148M	
C3211	1-126-160-11	ELECT	1uF 20% 50V	D3201	8-719-987-63	DIODE 1N4148M	
C3212	1-136-155-00	FILM	0.015uF 5% 50V	D3211	8-719-987-63	DIODE 1N4148M	
C3213	1-124-464-11	ELECT	0.22uF 20% 50V	D3221	8-719-987-63	DIODE 1N4148M	
C3221	1-136-167-00	FILM	0.15uF 5% 50V	D3231	8-719-987-63	DIODE 1N4148M	
C3222	1-162-302-11	CERAMIC	0.0022uF 30% 16V	< FLUORESCENT INDICATOR >			
C3223	1-124-464-11	ELECT	0.22uF 20% 50V	FL501	1-517-490-21	INDICATOR TUBE, FLUORESCENT	
C3232	1-162-293-31	CERAMIC	820PF 10% 50V	< IC >			
C3233	1-124-464-11	ELECT	0.22uF 20% 50V	IC501	8-759-375-43	IC ASD0204-012-3BA	
< CONNECTOR >				IC502	8-759-339-53	IC GP1U28XB	
CN501	1-568-802-11	SOCKET, CONNECTOR 19P	(D570/N355:AEP, UK, G, IT, EE)	IC503	8-759-140-53	IC uPD4053BC	
CN501	1-568-838-11	SOCKET, CONNECTOR 21P	(N355:E, MX, AR, AUS, PX)	IC504	8-759-916-14	IC SN74HC04AN	
* CN501	1-568-841-11	SOCKET, CONNECTOR 25P	(N355K)	IC806	8-759-265-83	IC M65843FP(N355:E, MX, AR, AUS, PX/N355K)	
				IC808	8-759-634-51	IC M5218AP (N355:E, MX, AR, AUS, PX/N355K)	
				IC861	8-759-140-53	IC uPD4053BC	(N355:E, MX, AR, AUS, PX/N355K)
				< COIL >			
				L511	1-410-521-11	INDUCTOR 100uH	
				L840	1-410-521-11	INDUCTOR 100uH	(N355:E, MX, AR, AUS, PX/N355K)

PANEL

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
< TRANSISTOR >							
Q601	8-729-422-57	TRANSISTOR UN4111		R531	1-249-407-11	CARBON 150 5% 1/4W F	
Q603	8-729-422-57	TRANSISTOR UN4111		R532	1-249-407-11	CARBON 150 5% 1/4W F	
Q605	8-729-422-57	TRANSISTOR UN4111		R548	1-249-419-11	CARBON 1.5K 5% 1/4W F	
Q611	8-729-119-76	TRANSISTOR 2SA1175-HFE		R549	1-247-807-31	CARBON 100 5% 1/4W	
Q612	8-729-119-76	TRANSISTOR 2SA1175-HFE		R550	1-249-407-11	CARBON 150 5% 1/4W F	
Q621	8-729-119-76	TRANSISTOR 2SA1175-HFE		R551	1-249-407-11	CARBON 150 5% 1/4W F	
Q622	8-729-119-76	TRANSISTOR 2SA1175-HFE		R552	1-247-815-91	CARBON 220 5% 1/4W	
Q623	8-729-119-76	TRANSISTOR 2SA1175-HFE		R553	1-249-429-11	CARBON 10K 5% 1/4W	
Q624	8-729-119-76	TRANSISTOR 2SA1175-HFE		R554	1-249-441-11	CARBON 100K 5% 1/4W	
Q625	8-729-119-76	TRANSISTOR 2SA1175-HFE		R564	1-249-419-11	CARBON 1.5K 5% 1/4W F	
Q626	8-729-900-80	TRANSISTOR DTC114ES (N355K)		R565	1-247-807-31	CARBON 100 5% 1/4W	
Q629	8-729-119-76	TRANSISTOR 2SA1175-HFE		R566	1-249-407-11	CARBON 150 5% 1/4W F	
Q630	8-729-119-76	TRANSISTOR 2SA1175-HFE		R567	1-249-407-11	CARBON 150 5% 1/4W F	
Q631	8-729-119-76	TRANSISTOR 2SA1175-HFE		R586	1-247-815-91	CARBON 220 5% 1/4W	
Q632	8-729-119-76	TRANSISTOR 2SA1175-HFE		R588	1-247-815-91	CARBON 220 5% 1/4W	
Q633	8-729-119-76	TRANSISTOR 2SA1175-HFE		R591	1-249-403-11	CARBON 68 5% 1/4W F	
Q634	8-729-119-76	TRANSISTOR 2SA1175-HFE		R592	1-249-401-11	CARBON 47 5% 1/4W F	
Q635	8-729-900-80	TRANSISTOR DTC114ES (N355K)		R593	1-249-403-11	CARBON 68 5% 1/4W F	
Q636	8-729-119-78	TRANSISTOR 2SC403SP-51		R594	1-249-401-11	CARBON 47 5% 1/4W F	
Q3151	8-729-900-80	TRANSISTOR DTC114ES		R611	1-249-429-11	CARBON 10K 5% 1/4W	
Q3152	8-729-903-02	TRANSISTOR DTA143XS		R612	1-249-421-11	CARBON 2.2K 5% 1/4W F	
< RESISTOR >				R613	1-249-429-11	CARBON 10K 5% 1/4W	
R501	1-249-419-11	CARBON 1.5K 5% 1/4W F		R614	1-249-421-11	CARBON 2.2K 5% 1/4W F	
R502	1-249-401-11	CARBON 47 5% 1/4W F		R625	1-247-815-91	CARBON 220 5% 1/4W (N355K)	
R503	1-249-403-11	CARBON 68 5% 1/4W F		R626	1-249-411-11	CARBON 330 5% 1/4W (N355K)	
R504	1-247-807-31	CARBON 100 5% 1/4W		R633	1-247-807-31	CARBON 100 5% 1/4W	
R505	1-249-407-11	CARBON 150 5% 1/4W F		R634	1-247-807-31	CARBON 100 5% 1/4W	
R506	1-249-407-11	CARBON 150 5% 1/4W F		R635	1-247-807-31	CARBON 100 5% 1/4W	
R507	1-247-815-91	CARBON 220 5% 1/4W		R636	1-247-807-31	CARBON 100 5% 1/4W	
R508	1-249-411-11	CARBON 330 5% 1/4W		R637	1-247-807-31	CARBON 100 5% 1/4W	
R509	1-249-413-11	CARBON 470 5% 1/4W F		R641	1-249-406-11	CARBON 120 5% 1/4W F	
R510	1-249-415-11	CARBON 680 5% 1/4W F		R642	1-247-807-31	CARBON 100 5% 1/4W	
R511	1-249-417-11	CARBON 1K 5% 1/4W F		R643	1-247-807-31	CARBON 100 5% 1/4W	
R517	1-249-419-11	CARBON 1.5K 5% 1/4W F		R644	1-249-406-11	CARBON 120 5% 1/4W F	
R518	1-249-401-11	CARBON 47 5% 1/4W F		R645	1-249-407-11	CARBON 150 5% 1/4W F	
R519	1-249-403-11	CARBON 68 5% 1/4W F		R646	1-249-406-11	CARBON 120 5% 1/4W F	
R520	1-247-807-31	CARBON 100 5% 1/4W		R648	1-249-425-11	CARBON 4.7K 5% 1/4W F	
R521	1-249-407-11	CARBON 150 5% 1/4W F		R698	1-249-393-11	CARBON 10 5% 1/4W F	
R522	1-249-407-11	CARBON 150 5% 1/4W F		R700	1-249-393-11	CARBON 10 5% 1/4W F	
R523	1-247-815-91	CARBON 220 5% 1/4W		R705	1-249-429-11	CARBON 10K 5% 1/4W	(N355:E, MX, AR, AUS, PX/N355K)
R524	1-249-411-11	CARBON 330 5% 1/4W		R837	1-249-429-11	CARBON 10K 5% 1/4W	(N355:E, MX, AR, AUS, PX/N355K)
R525	1-249-413-11	CARBON 470 5% 1/4W F		R838	1-249-431-11	CARBON 15K 5% 1/4W	(N355:E, MX, AR, AUS, PX/N355K)
R526	1-249-415-11	CARBON 680 5% 1/4W F		R839	1-249-431-11	CARBON 15K 5% 1/4W	(N355:E, MX, AR, AUS, PX/N355K)
R527	1-249-419-11	CARBON 1.5K 5% 1/4W F		R840	1-249-399-11	CARBON 33 5% 1/4W F	(N355:E, MX, AR, AUS, PX/N355K)
R528	1-249-401-11	CARBON 47 5% 1/4W F		R841	1-249-423-11	CARBON 3.3K 5% 1/4W F	(N355:E, MX, AR, AUS, PX/N355K)
R529	1-249-403-11	CARBON 68 5% 1/4W F					
R530	1-247-807-31	CARBON 100 5% 1/4W					

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R842	1-249-433-11	CARBON	22K 5% 1/4W (N355:E, MX, AR, AUS, PX/N355K)	R3110	1-247-807-31	CARBON	100 5% 1/4W
R843	1-249-431-11	CARBON	15K 5% 1/4W (N355:E, MX, AR, AUS, PX/N355K)	R3115	1-247-807-31	CARBON	100 5% 1/4W
R844	1-249-431-11	CARBON	15K 5% 1/4W (N355:E, MX, AR, AUS, PX/N355K)	R3122	1-247-807-31	CARBON	100 5% 1/4W
R846	1-249-431-11	CARBON	15K 5% 1/4W (N355:E, MX, AR, AUS, PX/N355K)	R3123	1-247-807-31	CARBON	100 5% 1/4W
R848	1-247-903-00	CARBON	1M 5% 1/4W (N355:E, MX, AR, AUS, PX/N355K)	R3124	1-247-807-31	CARBON	100 5% 1/4W
R849	1-249-423-11	CARBON	3.3K 5% 1/4W F (N355:E, MX, AR, AUS, PX/N355K)	R3138	1-247-807-31	CARBON	100 5% 1/4W
R857	1-249-417-11	CARBON	1K 5% 1/4W F (N355:E, MX, AR, AUS, PX/N355K)	R3201	1-249-411-11	CARBON	330 5% 1/4W
R861	1-249-431-11	CARBON	15K 5% 1/4W (N355:E, MX, AR, AUS, PX/N355K)	R3202	1-249-437-11	CARBON	47K 5% 1/4W
R862	1-249-427-11	CARBON	6.8K 5% 1/4W F (N355:E, MX, AR, AUS, PX/N355K)	R3203	1-247-895-91	CARBON	470K 5% 1/4W
R875	1-247-815-91	CARBON	220 5% 1/4W (N355:E, MX, AR, AUS, PX)	R3204	1-247-895-91	CARBON	470K 5% 1/4W
R884	1-249-435-11	CARBON	33K 5% 1/4W (N355:E, MX, AR, AUS, PX/N355K)	R3211	1-249-411-11	CARBON	330 5% 1/4W
R885	1-249-429-11	CARBON	10K 5% 1/4W (N355:E, MX, AR, AUS, PX/N355K)	R3212	1-249-437-11	CARBON	47K 5% 1/4W
R886	1-249-429-11	CARBON	10K 5% 1/4W (N355:E, MX, AR, AUS, PX/N355K)	R3213	1-247-895-91	CARBON	470K 5% 1/4W
R887	1-249-431-11	CARBON	15K 5% 1/4W (N355:E, MX, AR, AUS, PX/N355K)	R3214	1-247-895-91	CARBON	470K 5% 1/4W
R888	1-249-429-11	CARBON	10K 5% 1/4W (N355:E, MX, AR, AUS, PX/N355K)	R3221	1-249-411-11	CARBON	330 5% 1/4W
R889	1-249-429-11	CARBON	10K 5% 1/4W (N355:E, MX, AR, AUS, PX/N355K)	R3222	1-249-437-11	CARBON	47K 5% 1/4W
R891	1-247-807-31	CARBON	100 5% 1/4W (N355:E, MX, AR, AUS, PX/N355K)	R3223	1-247-895-91	CARBON	470K 5% 1/4W
R3011	1-247-903-00	CARBON	1M 5% 1/4W	R3224	1-247-895-91	CARBON	470K 5% 1/4W
R3015	1-249-429-11	CARBON	10K 5% 1/4W	R3231	1-247-807-31	CARBON	100 5% 1/4W
R3019	1-249-429-11	CARBON	10K 5% 1/4W	R3232	1-249-437-11	CARBON	47K 5% 1/4W
R3020	1-249-429-11	CARBON	10K 5% 1/4W	R3233	1-247-895-91	CARBON	470K 5% 1/4W
R3021	1-249-429-11	CARBON	10K 5% 1/4W	R3234	1-247-895-91	CARBON	470K 5% 1/4W
R3022	1-249-429-11	CARBON	10K 5% 1/4W	R3243	1-247-807-31	CARBON	100 5% 1/4W
R3023	1-249-429-11	CARBON	10K 5% 1/4W	< SWITCH >			
R3024	1-249-429-11	CARBON	10K 5% 1/4W	S501	1-554-303-21	SWITCH, TACTILE (SYSTEM POWER)	
R3036	1-249-429-11	CARBON	10K 5% 1/4W	S502	1-554-303-21	SWITCH, TACTILE (SLEEP)	
R3037	1-249-429-11	CARBON	10K 5% 1/4W	S503	1-554-303-21	SWITCH, TACTILE (CLOCK SET)	
R3038	1-249-429-11	CARBON	10K 5% 1/4W	S504	1-554-303-21	SWITCH, TACTILE (EFFECT)	
R3041	1-249-429-11	CARBON	10K 5% 1/4W	S505	1-554-303-21	SWITCH, TACTILE (ECHO) (N355K)	
R3042	1-249-423-11	CARBON	3.3K 5% 1/4W F	S506	1-554-303-21	SWITCH, TACTILE (KARAOKE PON/MPX) (N355:E, MX, AR, AUS, PX/N355K)	
R3049	1-249-429-11	CARBON	10K 5% 1/4W	S507	1-554-303-21	SWITCH, TACTILE (TUNING MODE)	
R3050	1-249-429-11	CARBON	10K 5% 1/4W	S508	1-554-303-21	SWITCH, TACTILE (>)	
R3051	1-249-429-11	CARBON	10K 5% 1/4W	S509	1-554-303-21	SWITCH, TACTILE (^)	
R3052	1-249-429-11	CARBON	10K 5% 1/4W	S510	1-554-303-21	SWITCH, TACTILE (<)	
R3053	1-249-429-11	CARBON	10K 5% 1/4W	S511	1-554-303-21	SWITCH, TACTILE (v)	
R3087	1-249-441-11	CARBON	100K 5% 1/4W	S517	1-554-303-21	SWITCH, TACTILE (ENTER/NEXT)	
				S518	1-554-303-21	SWITCH, TACTILE (DISPLAY/DEMO)	
				S519	1-554-303-21	SWITCH, TACTILE (REC)	
				S520	1-554-303-21	SWITCH, TACTILE (DAILY 2)	
				S521	1-554-303-21	SWITCH, TACTILE (DAILY 1)	
				S522	1-554-303-21	SWITCH, TACTILE (TIMER SET)	
				S523	1-554-303-21	SWITCH, TACTILE (b DOWN) (N355K)	
				S524	1-554-303-21	SWITCH, TACTILE (# UP) (N355K)	
				S525	1-554-303-21	SWITCH, TACTILE (FUNCTION)	
				S526	1-554-303-21	SWITCH, TACTILE (EQ MEMORY)	
				S527	1-554-303-21	SWITCH, TACTILE (FILE 1)	
				S528	1-554-303-21	SWITCH, TACTILE (FILE 2)	
				S529	1-554-303-21	SWITCH, TACTILE (FILE 3)	
				S530	1-554-303-21	SWITCH, TACTILE (FILE 4)	

PANEL POWER AMPLIFIER

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
S531	1-554-303-21	SWITCH, TACTILE (FILE SELECT)		C1225	1-162-284-31	CERAMIC 150PF 10% 50V	
S532	1-554-303-21	SWITCH, TACTILE (FILE 5)				(N355: AEP, UK, G, IT, EE)	
S550	1-554-303-21	SWITCH, TACTILE (SURROUND)		C1251	1-128-582-11	ELECT 10uF 20% 100V (D570)	
S551	1-554-303-21	SWITCH, TACTILE (DBFB)					
S552	1-554-303-21	SWITCH, TACTILE (TUNER/BAND)		C1251	1-126-963-11	ELECT 4.7uF 20% 50V	
						(N355/N355K)	
S565	1-554-303-21	SWITCH, TACTILE (STEREO/MONO)		C1252	1-162-288-31	CERAMIC 330PF 10% 50V	
S566	1-554-303-21	SWITCH, TACTILE (TUNER MEMORY)		C1253	1-162-286-21	CERAMIC 220PF 10% 50V	
S567	1-554-303-21	SWITCH, TACTILE (+ TUNING)		C1253	1-162-286-31	CERAMIC 220PF 10% 50V	
S568	1-554-303-21	SWITCH, TACTILE (- TUNING)				(N355K:MY)	
S579	1-467-869-11	ENCODER, ROTARY (VOLUME)		C1254	1-126-967-11	ELECT 47uF 20% 10V	
< VIBRATOR >							
X801	1-527-978-00	OSCILLATOR, CERAMIC (320kHz)	(N355K:MY, TH)	C1255	1-126-967-11	ELECT 47uF 20% 50V	
X3001	1-579-233-11	VIBRATOR, CERAMIC (4MHz)		C1256	1-126-968-11	ELECT 100uF 20% 50V	
*****						(N355/N355K)	
*	A-4378-988-A	POWER AMPLIFIER BOARD, COMPLETE		C1256	1-128-560-11	ELECT 22uF 20% 100V (D570)	
		*****		C1257	1-136-165-00	FILM 0.1uF 5% 50V	
		(N355: AEP, UK, G, IT, EE)		C1260	1-136-495-11	FILM 0.068uF 5% 50V	
*	A-4378-998-A	POWER AMPLIFIER BOARD, COMPLETE					
		*****		C1261	1-136-495-11	FILM 0.068uF 5% 50V	
		(N355: E, MX, AR, AUS, PX/N355K: E, EA, SP, IA)		< CONNECTOR >			
*	A-4389-671-A	POWER AMPLIFIER BOARD, COMPLETE		CN1203	1-691-765-11	PLUG (MICRO CONNECTOR) 3P	
		*****		CN1204	1-691-770-11	PLUG (MICRO CONNECTOR) 8P	
		(D570:US, CND)		< DIODE >			
*	A-4390-149-A	POWER AMPLIFIER BOARD, COMPLETE		D1201	8-719-815-85	DIODE 1S1585 (D570)	
		*****		D1201	8-719-987-63	DIODE 1N4148M (N355/N355K)	
		(N355K:MY)		D1202	8-719-987-63	DIODE 1N4148M	
*	A-4390-206-A	POWER AMPLIFIER BOARD, COMPLETE		D1203	8-719-987-63	DIODE 1N4148M	
		*****		D1251	8-719-815-85	DIODE 1S1585 (D570)	
		(N355K:TH)		D1251	8-719-987-63	DIODE 1N4148M (N355/N355K)	
< CAPACITOR >				< IC >			
C1201	1-128-582-11	ELECT 10uF 20% 100V (D570)		IC1201	8-749-900-34	IC STK-4182MK2	
C1201	1-126-963-11	ELECT 4.7uF 20% 50V				(N355: E, MX, AR, AUS, PX/N355K)	
		(N355/N355K)		IC1201	8-749-920-10	IC STK4172MK2 (N355: AEP, UK, G, IT, EE)	
C1202	1-162-288-31	CERAMIC 330PF 10% 50V		IC1201	8-749-921-68	IC STK-4231MK2 (D570:US, CND)	
C1203	1-162-286-21	CERAMIC 220PF 10% 50V		< TRANSISTOR >			
C1204	1-126-967-11	ELECT 47uF 20% 10V		Q1201	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA	
C1205	1-126-967-11	ELECT 47uF 20% 50V		Q1251	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA	
C1206	1-126-968-11	ELECT 100uF 20% 50V		Q1301	8-729-900-36	TRANSISTOR DTC124ES (D570)	
		(N355/N355K)		Q1302	8-729-900-36	TRANSISTOR DTC124ES (D570)	
C1206	1-128-560-11	ELECT 22uF 20% 100V (D570)		< RESISTOR >			
C1207	1-136-165-00	FILM 0.1uF 5% 50V		R1201	1-249-417-11	CARBON 1K 5% 1/4W F	
C1208	1-126-965-11	ELECT 22uF 20% 50V		R1202	1-249-437-11	CARBON 47K 5% 1/4W	
C1210	1-136-495-11	FILM 0.068uF 5% 50V		R1203	1-249-413-11	CARBON 470 5% 1/4W F (D570)	
C1211	1-136-495-11	FILM 0.068uF 5% 50V		R1203	1-249-415-11	CARBON 680 5% 1/4W F	
C1220	1-126-924-11	ELECT 330uF 20% 10V				(N355/N355K)	
				R1204	1-249-437-11	CARBON 47K 5% 1/4W	

POWER AMPLIFIER

TABLE SENSOR

TC CONTROL

Ref. No.	Part No.	Description	Remark
R1205	1-260-103-11	CARBON 2.2K 5% 1/2W (N355:AEP, UK, IT, G, EE)	
R1205	1-260-105-11	CARBON 3.3K 5% 1/2W (N355:E, MX, AR, AUS, PX/N355K)	
R1205	1-260-107-11	CARBON 4.7K 5% 1/2W (D570)	
R1207	1-260-103-11	CARBON 2.2K 5% 1/2W (N355:AEP, UK, G, IT, EE)	
R1207	1-260-105-11	CARBON 3.3K 5% 1/2W (N355:E, MX, AR, AUS, PX/N355K)	
R1207	1-260-107-11	CARBON 4.7K 5% 1/2W (D570)	
△R1209	1-212-881-11	FUSIBLE 100 5% 1/4W F	
△R1210	1-208-601-11	WIREWOUND 0.1 10% 2W F (D570)	
△R1210	1-208-602-11	WIREWOUND 0.22 10% 2W F (N355/N355K)	
R1211	1-249-417-11	CARBON 1K 5% 1/4W F	
R1212	1-247-863-91	CARBON 22K 5% 1/4W (D570)	
R1212	1-249-431-11	CARBON 15K 5% 1/4W (N355/N355K)	
R1213	1-249-441-11	CARBON 100K 5% 1/4W	
R1214	1-260-099-11	CARBON 1K 5% 1/2W (N355/N355K)	
R1214	1-260-102-11	CARBON 1.8K 5% 1/2W (D570)	
R1217	1-260-099-11	CARBON 1K 5% 1/2W (N355/N355K)	
R1217	1-260-102-11	CARBON 1.8K 5% 1/2W (D570)	
R1218	1-260-076-11	CARBON 10 5% 1/2W	
R1228	1-247-882-11	CARBON 130K 5% 1/4W (N355/N355K)	
R1228	1-247-891-00	CARBON 330K 5% 1/4W (D570)	
R1230	1-249-425-11	CARBON 4.7K 5% 1/4W (D570)	
R1230	1-249-423-11	CARBON 3.3K 5% 1/4W (N355/N355K)	
R1241	1-249-397-11	CARBON 22 5% 1/4W F (N355K:MY)	
R1242	1-249-429-11	CARBON 10K 5% 1/4W	
△R1243	1-217-637-00	FUSIBLE 1 5% 1/4W F	
R1251	1-249-417-11	CARBON 1K 5% 1/4W F	
R1252	1-249-437-11	CARBON 47K 5% 1/4W	
R1253	1-249-413-11	CARBON 470 5% 1/4W F (D570)	
R1253	1-249-415-11	CARBON 680 5% 1/4W F (N355/N355K)	
R1254	1-249-437-11	CARBON 47K 5% 1/4W	
R1255	1-260-103-11	CARBON 2.2K 5% 1/2W (N355:AEP, UK, IT, G, EE)	
R1255	1-260-105-11	CARBON 3.3K 5% 1/2W (N355:E, MX, AR, AUS, PX/N355K)	
R1255	1-260-107-11	CARBON 4.7K 5% 1/2W (D570)	
R1257	1-260-103-11	CARBON 2.2K 5% 1/2W (N355:AEP, UK, IT, G, EE)	
R1257	1-260-105-11	CARBON 3.3K 5% 1/2W (N355:E, MX, AR, AUS, PX/N355K)	
R1257	1-260-107-11	CARBON 4.7K 5% 1/2W (D570)	
△R1259	1-212-881-11	FUSIBLE 100 5% 1/4W F	

Ref. No.	Part No.	Description	Remark
△R1260	1-208-601-11	WIREWOUND 0.1 10% 2W F (D570)	
△R1260	1-208-602-11	WIREWOUND 0.22 10% 2W F (N355/N355K)	
R1261	1-249-417-11	CARBON 1K 5% 1/4W F	
R1262	1-247-863-91	CARBON 22K 5% 1/4W (D570)	
R1262	1-249-431-11	CARBON 15K 5% 1/4W (N355/N355K)	
R1263	1-249-441-11	CARBON 100K 5% 1/4W	
R1268	1-260-076-11	CARBON 10 5% 1/2W	
R1300	1-249-441-11	CARBON 100K 5% 1/4W (D570)	
R1301	1-249-441-11	CARBON 100K 5% 1/4W (D570)	
R1302	1-249-441-11	CARBON 100K 5% 1/4W (D570)	
△R1303	1-249-383-11	CARBON 1.5 5% 1/4W F (D570:US, CND)	
< THERMISTOR >			
THP12011-807-796-11 THERMISTOR, POSITIVE (D570:US, CND)			

*	1-659-058-12	TABLE SENSOR BOARD	

< IC >			
IC202	8-749-924-18	PHOTO INTERRUPTER RPI-1391	
< RESISTOR >			
R207	1-249-416-11	CARBON 820 5% 1/4W F	

*	1-659-413-11	TC CONTROL BOARD	

< DIODE >			
D630	8-719-058-03	DIODE SEL5423E-TP15 (▷) (DECK B)	
D631	8-719-058-03	DIODE SEL5423E-TP15 (◁) (DECK B)	
D632	8-719-058-03	DIODE SEL5423E-TP15 (▷) (DECK A)	
D633	8-719-058-03	DIODE SEL5423E-TP15 (◁) (DECK A)	
D634	8-719-058-03	DIODE SEL5423E-TP15	
D635	8-719-058-03	DIODE SEL5423E-TP15	
< RESISTOR >			
R538	1-247-815-91	CARBON 220 5% 1/4W	
R539	1-249-411-11	CARBON 330 5% 1/4W	
R540	1-249-413-11	CARBON 470 5% 1/4W F	
R541	1-249-415-11	CARBON 680 5% 1/4W F	
R542	1-249-417-11	CARBON 1K 5% 1/4W F	
R543	1-249-419-11	CARBON 1.5K 5% 1/4W F	
R544	1-249-421-11	CARBON 2.2K 5% 1/4W F	
R545	1-249-423-11	CARBON 3.3K 5% 1/4W F	

The components identified by mark △ or dotted line with mark △ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque △ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R546	1-249-427-11	CARBON	6.8K 5% 1/4W F	S534	1-554-303-21	SWITCH, TACTILE (HIGH SPEED DUBBING)	
R547	1-249-431-11	CARBON	15K 5% 1/4W	S535	1-554-303-21	SWITCH, TACTILE (■)	
R672	1-247-815-91	CARBON	220 5% 1/4W	S536	1-554-303-21	SWITCH, TACTILE (● REC)	
R673	1-247-815-91	CARBON	220 5% 1/4W	S537	1-554-303-21	SWITCH, TACTILE (DIRECTION)	
< SWITCH >				S538	1-554-303-21	SWITCH, TACTILE (DOLBY NR)	
S539	1-554-303-21	SWITCH, TACTILE (▶▶) (DECK B)		(D570/N355:AEP, UK, G, IT, EE)			
S540	1-554-303-21	SWITCH, TACTILE (◀◀) (DECK B)		*****			
S541	1-554-303-21	SWITCH, TACTILE (■) (DECK B)		*	A-4303-510-A	TCB BOARD, COMPLETE (D570)	
S542	1-554-303-21	SWITCH, TACTILE (▷) (DECK B)		*****			
S543	1-554-303-21	SWITCH, TACTILE (◁) (DECK B)		*	A-4303-513-A	TCB BOARD, COMPLETE	
S544	1-554-303-21	SWITCH, TACTILE (▷) (DECK A)		*****			
S545	1-554-303-21	SWITCH, TACTILE (◁) (DECK A)		(N355:E, AUS, AR, MX, PX/N355K:E, SP, IA)			
S546	1-554-303-21	SWITCH, TACTILE (▶▶) (DECK A)		*	A-4303-525-A	TCB BOARD, COMPLETE (N355K:MY)	
S547	1-554-303-21	SWITCH, TACTILE (◀◀) (DECK A)		*****			
S548	1-554-303-21	SWITCH, TACTILE (■) (DECK A)		*	A-4303-555-A	TCB BOARD, COMPLETE (N355K:TH)	
*****				*****			
*	1-659-412-11	TC SW BOARD		< CAPACITOR >			
*****				C1	1-162-294-31	CERAMIC	0.001uF 10% 50V
< CONNECTOR >				C2	1-126-967-11	ELECT	47uF 20% 16V
* CN503	1-568-945-11	PIN, CONNECTOR 7P		C3	1-164-159-21	CERAMIC	0.1uF 50V
< DIODE >				C5	1-162-306-11	CERAMIC	10000PF 30% 16V
D628	8-719-058-17	DIODE LNJ401NPJJA (■)		C6	1-162-306-11	CERAMIC	10000PF 30% 16V
D629	8-719-057-09	DIODE LNJ801LPDJA (●)		C7	1-101-004-00	CERAMIC	0.01uF 50V
< RESISTOR >				C8	1-162-306-11	CERAMIC	10000PF 30% 16V
R533	1-249-419-11	CARBON	1.5K 5% 1/4W F	C9	1-162-306-11	CERAMIC	10000PF 30% 16V
R534	1-249-421-11	CARBON	2.2K 5% 1/4W F	C11	1-164-159-21	CERAMIC	0.1uF 50V
R535	1-249-423-11	CARBON	3.3K 5% 1/4W F	C12	1-162-198-31	CERAMIC	8.2PF 10% 50V
R536	1-249-427-11	CARBON	6.8K 5% 1/4W F	C14	1-162-306-11	CERAMIC	10000PF 30% 16V
R537	1-249-431-11	CARBON	15K 5% 1/4W	C21	1-102-959-00	CERAMIC	22PF 5% 50V
(D570/N355:AEP, UK, G, IT, EE)				C21	1-102-960-00	CERAMIC	24PF 5% 50V
R590	1-249-417-11	CARBON	1K 5% 1/4W F	(N355K:TH)			
R649	1-249-425-11	CARBON	4.7K 5% 1/4W F	C22	1-164-159-21	CERAMIC	0.1uF 50V
R650	1-249-425-11	CARBON	4.7K 5% 1/4W F	C23	1-162-306-11	CERAMIC	10000PF 30% 16V
R651	1-249-425-11	CARBON	4.7K 5% 1/4W F	C24	1-126-967-11	ELECT	47uF 20% 16V
R652	1-249-425-11	CARBON	4.7K 5% 1/4W F	C25	1-162-306-11	CERAMIC	10000PF 30% 16V
R656	1-249-425-11	CARBON	4.7K 5% 1/4W F	C26	1-126-964-11	ELECT	10uF 20% 50V
R657	1-249-425-11	CARBON	4.7K 5% 1/4W F	C27	1-164-159-21	CERAMIC	0.1uF 50V
R658	1-249-425-11	CARBON	4.7K 5% 1/4W F	C28	1-124-925-11	ELECT	2.2uF 20% 100V
R659	1-249-425-11	CARBON	4.7K 5% 1/4W F	C29	1-102-518-11	CERAMIC	33PF 5% 50V
R660	1-249-425-11	CARBON	4.7K 5% 1/4W F	(EXCEPT N355K:TH)			
R661	1-249-425-11	CARBON	4.7K 5% 1/4W F	C29	1-102-960-00	CERAMIC	24PF 5% 50V
< SWITCH >				(N355K:TH)			
S533	1-554-303-21	SWITCH, TACTILE (CD SYNCHRO)		C30	1-162-294-31	CERAMIC	0.001uF 10% 50V
				C31	1-162-306-11	CERAMIC	10000PF 30% 16V
				C41	1-126-933-11	ELECT	100uF 20% 10V
				C42	1-162-306-11	CERAMIC	10000PF 30% 16V

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R28	1-249-423-11	CARBON	3.3K 5% 1/4W F	*	A-4303-502-A	TCB BOARD, COMPLETE (N355:AEP, UK)	
R29	1-249-417-11	CARBON	1K 5% 1/4W F			*****	
R30	1-249-417-11	CARBON	1K 5% 1/4W F	*	A-4303-503-A	TCB BOARD, COMPLETE (N355:IT, G)	
R31	1-249-417-11	CARBON	1K 5% 1/4W F			*****	
R32	1-249-417-11	CARBON	1K 5% 1/4W F	*	A-4303-504-A	TCB BOARD, COMPLETE (N355:EE)	
R33	1-247-807-31	CARBON	100 5% 1/4W			*****	
R34	1-249-429-11	CARBON	10K 5% 1/4W	*	A-4303-507-A	TCB BOARD, COMPLETE (N355K:EA)	
R35	1-249-429-11	CARBON	10K 5% 1/4W			*****	
R36	1-249-437-11	CARBON	47K 5% 1/4W			< CAPACITOR >	
R37	1-249-417-11	CARBON	1K 5% 1/4W F	C1	1-163-141-00	CERAMIC CHIP 0.001uF 5% 50V	
R41	1-249-429-11	CARBON	10K 5% 1/4W	C2	1-126-967-11	ELECT 47uF 20% 16V	
R43	1-249-421-11	CARBON	2.2K 5% 1/4W	C3	1-163-038-91	CERAMIC CHIP 0.1uF 25V	
R44	1-249-421-11	CARBON	2.2K 5% 1/4W	C5	1-163-031-11	CERAMIC CHIP 0.01uF 50V	
R46	1-249-442-11	CARBON	510 5% 1/4W	C6	1-163-038-91	CERAMIC CHIP 0.1uF 25V	
R47	1-249-403-11	CARBON	68 5% 1/4W F	C7	1-101-004-00	CERAMIC 0.01uF 50V	
R48	1-249-423-11	CARBON	3.3K 5% 1/4W F			(N355:EE/N355K:EA)	
R49	1-249-393-11	CARBON	10 5% 1/4W F	C8	1-163-031-11	CERAMIC CHIP 0.01uF 50V	
R50	1-249-429-11	CARBON	10K 5% 1/4W	C9	1-163-031-11	CERAMIC CHIP 0.01uF 50V	
R51	1-249-441-11	CARBON	100K 5% 1/4W	C10	1-163-031-11	CERAMIC CHIP 0.01uF 50V	
R52	1-249-429-11	CARBON	10K 5% 1/4W	C11	1-216-295-91	CONDUCTOR, CHIP (2012) (N355:IT, G)	
R53	1-249-425-11	CARBON	4.7K 5% 1/4W F	C11	1-163-038-91	CERAMIC CHIP 0.1uF 50V	
R54	1-249-425-11	CARBON	4.7K 5% 1/4W F			(N355K:EA)	
		< VARIABLE RESISTOR >		C14	1-163-038-91	CERAMIC CHIP 0.1uF 50V	
RV41	1-238-600-11	RES, ADJ, CARBON 10K				(N355K:EA)	
RV42	1-238-601-11	RES, ADJ, CARBON 22K		C15	1-136-162-00	FILM 0.056uF 5% 50V	
		< TERMINAL >				(N355K:EA)	
TM1	1-537-238-21	TERMINAL BOARD (ANTENNA)		C16	1-163-038-91	CERAMIC CHIP 0.1uF 25V	
		< VIBRATOR >		C17	1-163-031-11	CERAMIC CHIP 0.01uF 50V	
X21	1-567-713-11	VIBRATOR, CRYSTAL (4.5MHz) (N355K:TH)				(N355K:EA)	
X21	1-760-549-11	VIBRATOR, CRYSTAL (4.5MHz)		C18	1-163-088-00	CERAMIC CHIP 5PF 0.25PF 50V	
		(EXCEPT N355K:TH)				(N355K:EA)	
X41	1-577-075-11	OSCILLATOR, CERAMIC (456KHz)		C19	1-163-249-11	CERAMIC CHIP 82PF 5% 50V	
X42	1-760-220-11	FILTER, CERAMIC (10.7MHz)				(N355:AEP, UK, EE)	
X43	1-527-981-00	FILTER, CERAMIC (450KHz)		C21	1-163-141-00	CERAMIC CHIP 0.001uF 5% 50V	
		*****		C22	1-163-031-11	CERAMIC CHIP 0.01uF 50V	
				C23	1-163-235-11	CERAMIC CHIP 22PF 5% 50V	
				C24	1-163-239-11	CERAMIC CHIP 33PF 5% 50V	
				C26	1-126-967-11	ELECT 47uF 20% 16V	
				C28	1-126-967-11	ELECT 47uF 20% 16V	
				C29	1-162-306-11	CERAMIC 0.01uF 30% 16V	
				C30	1-124-925-11	ELECT 2.2uF 20% 100V	
				C31	1-163-031-11	CERAMIC CHIP 0.01uF 50V	
				C32	1-163-038-91	CERAMIC CHIP 0.1uF 25V	
				C33	1-163-038-91	CERAMIC CHIP 0.1uF 25V	
				C34	1-163-091-00	CERAMIC CHIP 8PF 50V	
						(N355:IT, G/N355K:EA)	
				C34	1-163-229-11	CERAMIC CHIP 12PF 5% 50V	
						(N355:AEP, UK, EE)	
				C35	1-163-038-91	CERAMIC CHIP 0.1uF 25V	

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
JR53	1-216-296-11	METAL CHIP 0 5% 1/8W		R12	1-216-037-00	METAL CHIP 330 5% 1/10W	
JR54	1-216-295-11	METAL CHIP 0 5% 1/10W		R13	1-216-037-00	METAL CHIP 330 5% 1/10W	
< JUMPER RESISTOR >				R14	1-216-081-00	METAL CHIP 22K 5% 1/10W	
JW4	1-249-413-11	CARBON 470 5% 1/4W (N355:AEP, UK, IT, G)		R18	1-216-065-00	METAL CHIP 4.7K 5% 1/10W (N355K:EA)	
JW5	1-249-413-11	CARBON 470 5% 1/4W (N355:AEP, UK, IT, G)		R18	1-216-073-00	METAL CHIP 10K 5% 1/10W (N355:AEP, UK, EE)	
< COIL >				R19	1-216-073-00	METAL CHIP 10K 5% 1/10W (N355:AEP, UK, EE/N355K:EA)	
L1	1-410-521-11	MICRO INDUCTOR 100uH (N355K:EA)		R20	1-216-121-91	METAL CHIP 1M 5% 1/10W (N355K:EA)	
L2	1-414-142-11	MICRO INDUCTOR 1uH (N355:AEP, UK, IT, G)		R21	1-216-049-11	METAL CHIP 1.0K 5% 1/10W	
L3	1-410-521-11	MICRO INDUCTOR 100uH		R22	1-216-049-11	METAL CHIP 1.0K 5% 1/10W	
L4	1-410-515-11	INDUCTOR 33uH (N355:AEP, UK, IT, G)		R23	1-216-049-11	METAL CHIP 1.0K 5% 1/10W	
L41	1-407-500-00	MICRO INDUCTOR 4.7mH (N355:AEP, UK, EE)		R24	1-216-025-11	METAL CHIP 100 5% 1/10W	
L41	1-410-119-11	MICRO INDUCTOR (EL TYPE) 1mH (N355:IT, G/N355K:EA)		R25	1-249-417-11	CARBON 1K 5% 1/4W F	
< FILTER >				R26	1-249-437-11	CARBON 47K 5% 1/4W	
LPF41	1-239-845-11	FILTER, LOW PASS (N355)		R27	1-249-429-11	CARBON 10K 5% 1/4W	
LPF42	1-239-845-11	FILTER, LOW PASS (N355)		R28	1-249-417-11	CARBON 1K 5% 1/4W F	
< TRANSISTOR >				R29	1-216-061-00	METAL CHIP 3.3K 5% 1/10W	
Q1	8-729-201-27	TRANSISTOR 2SC2715-Y		R30	1-216-186-00	METAL CHIP 330 5% 1/8W	
Q2	8-729-201-27	TRANSISTOR 2SC2715-Y		R31	1-216-025-11	METAL CHIP 100 5% 1/10W	
Q3	8-729-201-27	TRANSISTOR 2SC2715-Y		R32	1-249-425-11	CARBON 4.7K 5% 1/4W F	
Q4	8-729-201-27	TRANSISTOR 2SC2715-Y		R33	1-249-425-11	CARBON 4.7K 5% 1/4W F	
Q5	8-729-424-08	TRANSISTOR UN2111		R34	1-216-065-00	METAL CHIP 4.7K 5% 1/10W	
Q8	8-729-033-67	TRANSISTOR 2SK211-Y-TE85L(N355K:EA)		R35	1-216-214-00	METAL CHIP 4.7K 5% 1/8W	
Q9	8-729-216-22	TRANSISTOR 2SA812-M5M6 (N355:AEP, UK, EE/N355K:EA)		R36	1-216-025-11	METAL CHIP 100 5% 1/10W	
Q10	8-729-216-22	TRANSISTOR 2SA812-M5M6 (N355K:EA)		R37	1-216-073-00	METAL CHIP 10K 5% 1/10W	
Q11	8-729-421-22	TRANSISTOR UN2211 (N355:AEP, UK, EE)		R38	1-216-089-11	METAL CHIP 47K 5% 1/10W	
Q12	8-729-421-22	TRANSISTOR UN2211 (N355:AEP, UK, EE/N355K:EA)		R39	1-249-429-11	CARBON 10K 5% 1/4W	
Q13	8-729-421-22	TRANSISTOR UN2211 (N355:AEP, UK, EE/N355K:EA)		R42	1-216-073-00	METAL CHIP 10K 5% 1/10W	
Q14	8-729-421-22	TRANSISTOR UN2211 (N355:AEP, UK, EE/N355K:EA)		R43	1-216-042-00	METAL CHIP 510 5% 1/10W	
< RESISTOR >				R44	1-216-021-00	METAL CHIP 68 5% 1/10W	
R1	1-249-401-11	CARBON 47 5% 1/4W F		R45	1-249-423-11	CARBON 3.3K 5% 1/4W F	
R2	1-216-037-00	METAL CHIP 330 5% 1/10W		R46	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R3	1-216-037-00	METAL CHIP 330 5% 1/10W		R47	1-216-097-11	METAL CHIP 100K 5% 1/10W	
R5	1-216-037-00	METAL CHIP 330 5% 1/10W		R48	1-249-417-11	CARBON 1K 5% 1/4W F (N355)	
R6	1-216-081-00	METAL CHIP 22K 5% 1/10W		R48	1-249-423-11	CARBON 3.3K 5% 1/4W (N355K:EA)	
R7	1-216-037-00	METAL CHIP 330 5% 1/10W		R49	1-216-049-11	METAL CHIP 1.0K 5% 1/10W (N355)	
R8	1-216-037-00	METAL CHIP 330 5% 1/10W		R49	1-216-061-00	METAL CHIP 3.3K 5% 1/10W (N355K:EA)	
R9	1-216-081-00	METAL CHIP 22K 5% 1/10W		R50	1-216-065-00	METAL CHIP 4.7K 5% 1/10W	
R10	1-216-037-00	METAL CHIP 330 5% 1/10W		R51	1-216-065-00	METAL CHIP 4.7K 5% 1/10W	
R11	1-216-081-00	METAL CHIP 22K 5% 1/10W		R53	1-249-429-11	CARBON 10K 5% 1/4W	
				R54	1-249-399-11	CARBON 33 5% 1/4W (N355K:EA)	
				R55	1-216-162-00	METAL CHIP 33 5% 1/8W	
				R56	1-249-393-11	CARBON 10 5% 1/4W F	
				R91	1-216-065-00	METAL CHIP 4.7K 5% 1/10W (N355K:EA)	
				R91	1-216-295-11	METAL CHIP 0 5% 1/10W (N355:AEP, UK, EE)	
				R92	1-216-073-00	METAL CHIP 10K 5% 1/10W (N355:AEP, UK, EE/N355K:EA)	
				R93	1-216-073-00	METAL CHIP 10K 5% 1/10W (N355K:EA)	
				R94	1-216-073-00	METAL CHIP 10K 5% 1/10W (N355K:EA)	

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
< VARIABLE RESISTOR >							
RV41	1-238-601-11	RES, ADJ, CARBON 22K		△R1602	1-219-120-11	FUSIBLE 0.15 5% 1/4W F	
RV42	1-238-600-11	RES, ADJ, CARBON 10K		△R1603	1-219-120-81	FUSIBLE 0.15 5% 1/4W F	
< COIL >				< TRANSFORMER >			
T1	1-409-505-11	COIL (ANT, SW3) (N355K:EA)		△T1601	1-429-335-11	TRANSFORMER, POWER (N355:AEP, UK, G, IT, EE)	
T2	1-402-960-11	COIL (OSC, SW3) (N355K:EA)		△T1601	1-429-336-11	TRANSFORMER, POWER (N355:E, MX, AR, AUS, PX/N355K)	
< TERMINAL >				△T1601	1-429-337-11	TRANSFORMER, POWER (D570)	
TM1	1-537-238-21	TERMINAL BOARD (ANTENNA) (N355K:EA)		< SWITCH >			
TM1	1-537-488-11	TERMINAL BOARD (ANT) (ANTENNA) (N355)		△VS1601	1-572-675-11	SWITCH, POWER VOLTAGE CHANGE (N355:E, AR, PX/N355K:E, EA, SP, IA)	
< VIBRATOR >				*****			
X21	1-760-549-11	VIBRATOR, CRYSTAL (4.5MHz)		MISCELLANEOUS			
X41	1-760-220-11	FILTER, CERAMIC (10.7MHz)		*****			
X42	1-527-981-00	FILTER, CERAMIC (450KHz)		8	1-751-086-11	WIRE (FLAT TYPE) (13 CORE) (EXCEPT N355:AEP, UK, G, IT, EE)	
X43	1-577-075-11	OSCILLATOR, CERAMIC (456KHz)		8	1-773-012-11	WIRE (FLAT TYPE) (15 CORE) (N355:AEP, UK, G, IT, EE)	
*****				154	1-776-238-11	WIRE (FLAT TYPE) (19 CORE)	
*	1-659-218-11	TRANS BOARD		156	1-590-218-11	WIRE (FLAT TYPE) (11 CORE)	
		*****		157	1-765-338-11	WIRE (FLAT TYPE) (21 CORE)	
< FUSE HOLDER >				158	1-773-119-11	WIRE (FLAT TYPE) (19 CORE) (D570/N355:AEP, UK, G, IT, EE)	
FH1601	1-533-217-31	HOLDER, FUSE		158	1-773-154-11	WIRE (FLAT TYPE) (21 CORE) (N355:E, MX, AR, AUS, PX)	
FH1602	1-533-217-31	HOLDER, FUSE		158	1-773-220-11	WIRE (FLAT TYPE) (25 CORE) (N355K)	
FH1603	1-533-217-31	HOLDER, FUSE		△160	1-569-007-11	ADAPTER, CONVERSION 2P (N355:PX/N355K:E)	
FH1604	1-533-217-31	HOLDER, FUSE		△160	1-569-008-21	ADAPTER, CONVERSION 2P (N355K:EA)	
< CAPACITOR >				* 357	1-452-538-11	MAGNET	
C1600	1-164-159-21	CERAMIC 0.1uF 50V		△401	8-848-387-01	OPTICAL PICK-UP KSS-213BA/S-N	
C1601	1-164-159-21	CERAMIC 0.1uF 50V		402	1-769-069-11	WIRE (FLAT TYPE) (16 CORE)	
< CONNECTOR >				M201	A-4660-977-A	MOTOR ASSY (TABLE)	
CN1601	1-535-139-00	BASE POST 14MM (10MM PITCH) 2P (N355:E, MX, AR, AUS, PX/N355K:E, EA, TH, IA)		△CNP16011-555-750-00	CORD, POWER (N355:AR/N355K:EA)		
CN1601	1-774-108-11	PIN, CONNECTOR (PC BOARD) (D570/N355:AEP, UK, G, IT, EE/N355K:MY, SP)		△CNP16011-558-943-51	CORD, POWER (N355:E, MX, PX/N355K:E, IA)		
CN1604	1-564-524-11	PLUG, CONNECTOR 9P		△CNP16011-575-042-21	CORD, POWER (D570)		
< FUSE >				△CNP16011-575-651-21	CORD, POWER (N355:AEP, G, IT, EE/N355K:MY, SP)		
△F1603	1-532-350-00	FUSE, TIME LAG (T4A/250V) (N355:E, MX, AR, PX/N355K:E, EA, SP, IA)		△CNP16011-696-966-11	CORD, POWER (N355:AUS)		
△F1603	1-533-420-11	FUSE, GLASS CYLINDRICAL (DIA. 5) (5A/125V) (D570)		△CNP16011-751-326-11	CORD, POWER (N355K:TH)		
△F1604	1-532-259-00	FUSE, TIME LAG (T1.6A/250V) (N355:AEP, UK, G, IT, EE, E, AR, AUS, PX/N355K)		△CNP16011-751-529-11	CORD, POWER (N355:UK)		
< RESISTOR >				△F1603	1-532-350-00	FUSE, TIME LAG (T4A/250V) (N355:E, MX, AR, PX/N355K:E, EA, SP, IA)	
△R1600	1-202-725-00	SOLID 3.3M 10% 1/2W (D570)		△F1603	1-533-420-11	FUSE, GLASS CYLINDRICAL (DIA. 5) (5A/125V) (D570)	
△R1601	1-219-139-11	FUSIBLE 0.68 5% 1/4W F		△F1604	1-532-259-00	FUSE, TIME LAG (T1.6A/250V) (N355:AEP, UK, G, IT, EE, E, AR, AUS, PX/N355K)	
				FL501	1-517-490-21	INDICATOR TUBE, FLUORESCENT	
				HP101	1-500-093-11	HEAD, MAGNETIC (PLAYBACK)	
				HRPE1011-500-094-11	HEAD, MAGNETIC (REC/PB/ERASE)		

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.
--	---

Ref. No.	Part No.	Description	Remark
M1	X-3371-223-1	MOTOR ASSY (CAPSTAN)	
M2	A-2004-410-A	MOTOR ASSY (TRIGGER)	
M101	X-4917-523-4	MOTOR ASSY (SPINDLE)	
M102	X-4917-504-1	MOTOR ASSY (SLED)	
M901	1-698-659-11	FAN, DC (D570)	
S101	1-572-085-11	SWITCH, LEAF (LIMIT)	
△T1601	1-429-335-11	TRANSFORMER, POWER (N355:AEP, UK, G, IT, EE)	
△T1601	1-429-336-11	TRANSFORMER, POWER (N355:E, MX, AR, AUS, PX/N355K)	
△T1601	1-429-337-11	TRANSFORMER, POWER (D570)	

ACCESSORIES & PACKING MATERIALS

1-501-374-11 ANTENNA, LOOP (N355:AEP, UK, G, IT, EE)
 1-501-804-11 ANTENNA (FM) (N355:AEP, UK, IT, EE)
 3-810-802-11 MANUAL, INSTRUCTION (ENGLISH) (N355:UK)
 3-810-802-21 MANUAL, INSTRUCTION
 (ENGLISH, FRENCH, SPANISH, PORTUGUESE) (N355:AEP)

3-810-802-31 MANUAL, INSTRUCTION
 (GERMAN, DUTCH, SWEDISH, ITALIAN) (N355:AEP, IT)

3-810-802-41 MANUAL, INSTRUCTION
 (DANISH, FINNISH) (N355:AEP)

3-810-802-51 MANUAL, INSTRUCTION (GERMAN) (N355:G)

3-810-802-61 MANUAL, INSTRUCTION
 (ENGLISH, POLISH, RUSSIAN) (N355:EE)

* 4-979-300-01 INDIVIDUAL CARTON (N355:AEP, UK, G, IT, EE)

4-979-371-01 COVER, BATTERY (for RM-SD50)

* 4-979-431-01 CUSHION (BOTTOM)

* 4-980-140-01 CUSHION (UPPER)

8-917-537-90 REMOCON RM-SD50//M SET

HARDWARE LIST

#1 7-685-646-79 SCREW +BVTP 3X8 TYPE2 N-S
 #3 7-685-871-01 SCREW +BVTT 3X6 (S)
 #4 7-685-650-79 SCREW +BVTP 3X16 TYPE2 IT-3
 #5 7-621-770-67 SCREW +BVTT 2.6X6 (S)
 #6 7-685-131-19 SCREW +BTP 2.6X4 TYPE2 N-S
 #7 7-685-534-19 SCREW +BTP 2.6X8 TYPE2 N-S
 #8 7-621-775-10 SCREW +B 2.6X4
 #9 7-685-533-19 SCREW +BTP 2.6X6 TYPE2 N-S
 #10 7-623-921-01 RING, RETAINING, CAPSTAN
 #11 7-621-775-00 SCREW +B 2.6X3
 #12 7-621-255-15 SCREW +P 2X3

The components identified by mark
 △ or dotted line with mark △ are
 critical for safety.
 Replace only with part number
 specified.

Les composants identifiés par une
 marque △ sont critiques pour la
 sécurité.
 Ne les remplacer que par une pièce
 portant le numéro spécifié.